Illustrated Microsoft Office 365 and Access 2016 Comprehensive 1st Edition Friedrichsen Solutions Manual

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Grading Rubric Module 2: Building and Using Queries Independent Challenge 4

Professor: Notes: Solution Filename: Jobs.accdb

Description	Pts	Your
		Score
Jobs is created and saved to the data file location	2	
The Positions table is created with data from the step	3	
The Employers table is created with data from the step	3	
EmployerID and PositionID are set as primary keys	3	
The tables are linked with a one-to-many relationship using EmployerID	3	
Five records are added into the Employers table	3	
Five records are added into the Positions table	3	
The JobList query is created as instructed, sorted by Desirability	3	
TOTAL POSSIBLE POINTS:	23	0

Grading Rubric – Access 2016 Module 2: Building and Using Queries Module Lesson

Class: Professor: Notes: Solution Filename: R2G-2.accdb

Description	Pts	Your
		Score
The R2G-2 database contains a TripCustomerList query	3	
The TripCustomerList query contains the Stanley Bay Cleanup	2	
TripName and no instances of Captiva Bay Cleanup		
The first record has been deleted from the TripCustomerList query	3	
The FloridaTours query has been created	3	
The EcoCO7 query contains an only trips that last 7 days in the state	2	
of CO and in the Eco category		
The R2G-2 database contains an EcoCO7 query	3	
The R2G-2 database contains an EcoAdventureCO7 query	3	
The Customers table has been formatted: print landscape orientation,	2	
font=Arial Narrow, font size=12		
Columns in the TripsByCategory query have been widened	2	
TOTAL POSSIBLE POINTS:	23	

Professor: Notes: Solution Filename: Salvage-2.accdb

Description	Pts	Your
		Score
Salvage-2 is opened	2	
The CenterDeposits query is created and the student name is added to	3	
a record with Johnson Recycling value		
The data in the CenterDeposits query is modified and A1 Salvage	3	
Center 2/4/2014 is deleted		
An occurrence of JavaScript JC is changed to Bootstrap Club	3	
Records are sorted in descending order with 1/30/2017 as the date of	3	
the first record		
The 100PlusDeposits query is created with fields as instructed	3	
The query is set to display records with a Weight value >=100	3	
The 100PlusDeposits query is sorted by ClubName and Weight	3	
Any occurrence of Trey is changed to student's initials	3	
Any occurrence of Boy Scout Troop 324 is changed to Boy Scout	3	
Troop 6		
Filters are applied and viewed, but not are temporary, not saved	3	
The 100PlusDeposits query is copied and the new query is renamed	3	
100PlusDeposits2016, showing all records in 2016 with a Weight		
value >=100		
The 100PlusDeposits query is copied and the new query is renamed	3	
100PlusDeposits2Clubs, showing records with a ClubName of Access		
Users Group or Social Media Club and a Weight value >=100		
The Centers table datasheet is formatted with 14pt, best fit, landscape	3	
orientation, narrow margins, on one sheet		
TOTAL POSSIBLE POINTS:	41	0

Professor: Notes: Solution Filename: Service-2.accdb

Description	Pts	Your
		Score
Service-2 is opened and reviewed	2	
A Relationship Report is created and saved as Relationships for Membership-B	3	
The March2017 query is created with the fields shown in Figure 2-21	3	
Criteria is added to show records only in March of 2017	3	
The query is sorted by LastName and ActivityDate	3	
The Quentin Garden name is changed to the student name	3	
The query is formatted so all data is visible	3	
TOTAL POSSIBLE POINTS:	20	0

Professor: Notes: Solution Filename: VetClinic-2.accdb

Description	Pts	Your
		Score
VetClinic-2 is opened and reviewed	2	
The student name is added as a new record to the Vets table	3	
The ClinicListing query is created as instructed	3	
All instances of Animal Haven in the ClinicName field are changed to	3	
Animal Emergency		
Criteria is set to show only Animal Emergency Clinic or Veterinary	3	
Specialists		
The ClinicName field is moved to the first column, and the query is sorted	3	
by ClinicName and VetLast		
The query is formatted so all data is visible as shown in Figure 2-23	3	
TOTAL POSSIBLE POINTS:	20	0

YOUR SCORE: _____

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Salvage-2 is opened

The CenterDeposits query is created and the student name is added to a record with Johnson Recycling value

CenterDeposits			
CenterName	 Deposito Weight 	t - ClubName	*
Student's Last Name Recycling	1/30/2017	80 Kansas City Frogman Clu	b
Taney County Salvage	1/30/2017	150 Boy Scout Troop 6	
Adair County Recycling	1/21/2017	170 Great Plains 4-H	
Student's Last Name Recycling	1/20/2017	80 Bootstrap Club	The date in the Center Deposite query
A1 Salvage Center	1/20/2017	190 Junior League	The data in the CenterDeposits query
Taney County Salvage	1/16/2017	85 Access Users Group	modified and A1 Salvage Center
A1 Salvage Center	1/15/2017	175 Social Media Club	2/4/2014 is deleted
Taney County Salvage	1/14/2017	85 Junior League	
A1 Salvage Center	1/13/2017	100 Bootstrap Club	
Taney County Salvage	1/13/2017	125 Boy Scout Troop 6	
Taney County Salvage	1/9/2017	90 Social Media Club	An occurrence of JavaScript JC is
Adair County Recycling	1/9/2017	80 Kansas City Frogman Clu	changed to Bootstran Club
Adair County Recycling	1/8/2017	140 Junior League	changed to bootstrap Club
Student's Last Name Recycling	1/7/2017	105 Kansas City Frogman Clu	b
Adair County Recycling	1/7/2017	30 Boy Scout Troop 6	
Taney County Salvage	1/7/2017	60 Great Plains 4-H	
A1 Salvage Center	1/3/2017	205 Social Media Club	
Student's Last Name Recycling	1/2/2017	45 Junior League	
Taney County Salvage	12/8/2016	50 Access Users Group	
A1 Salvage Center	12/6/2016	80 Social Media Club	
Student's Last Name Recycling	12/3/2016	70 Social Media Club	
Student's Last Name Recycling	12/1/2016	80 Access Users Group	
Adair County Recycling	11/29/2016	90 Junior League	
Adair County Recycling	11/18/2016	85 Access Users Group	

Records are sorted in descending order with 1/30/2017 as the date of the first record

The 100PlusDeposits query is created with fields as instructed

100PlusDe	posits					with noids d	, mondeted
FName -	LName -	ClubName		DepositDate -	Weight -		
SI	Hickman	Access Users Gro	up	2/13/2014	200		
SI	Hickman	Access Users Gro	up	2/13/2015	185		
SI	Hickman	Access Users Gro	up	2/18/2015	185	\sim The q	uery is set to display record
SI	Hickman	Access Users Gro	up	3/7/2015	145	with a	a Weight value >=100
SI	Hickman	Access Users Gro	up	4/19/2015	115		
SI	Hickman	Access Users Gro	up	5/1/2015	105		
SI	Hickman	Access Users Gro	up	1/30/2015	100		
SI	Hickman	Access Users Gro	up	2/22/2016	100		
SI	Hickman	Access Users Gro	up	10010	100		
Cory	Harding	Bootstrap Club		The 100Plu	sDeposits c	uerv is sorted	1 E
Cory	Varding	Bootstrap Club		by ClubNar	ne and Wei	oht	
Cory	Ne la	Bootstrap Club		by Clubital		gin	
Charles			5	4/30/2015	205		
Charles 4	Any occu	rrence of	5	2/20/2015	200		
Charles	Trey is ch	anged to	5	2/20/2014	200		
Charles	student's	initials	5	5/7/2015	190		
Charles			6	1/30/2017	150		
Charles	Schaffer	Boy Scout Troop	5	1/13/2017	125		
Charles	Schaffer	Boy Scout Troop	5	4/18/2016	105		
Charles	Schaffer	Boy Scout Troop	5	11/2/2016	100		
Renaldo	Bartles	Great Plains 4-H		1/21/2017	170		
Amy	Moon	Junior League		9/24/2015	200		
Amy	Moon	Junior League		1/20/2017	190		
Amy	Moon	Junior League		3/4/2014	150		
	Scout	324 is change Troop 6	ed to Bo	У			
100PlusD	eposits2016						
FName	 LName 	 ClubNa 	me	 DepositDat 	e - Weight	t -	
SI	Hickman	Access Users (Group	2/22/2	2016	100	
Cory	Harding	Bootstrap Clu	b	2/28/2	2016	125	
Corv	Harding	Bootstran Clu	b	4/3/2	016	115	
Charles	Schaffer	Boy Scout Tro	00.6	4/18/2	2016	105	
Charlos	Schaffer	Boy Scout Tro	006	11/2/2	016	100	
lorden	Smith	Kappage City Fr	ogman Cl	11/2/2	016	105	
Trivia	Smith	Kansas City Fr	ogman Cl	0 8/20/2	010	105	
Trixie	Cho	Social Media	lub	8/19/2	1010	205	
				_			
			2				
Filter	s are appl	ied and viewe	d, but				
not ar	e tempor	ary not saved					
not al	e tempor	ary, not saved			The 100F	PlusDeposits of	query is copied
					and the n	ew query is r	enamed
					100Plust	enosite 2016	showing all
					roor fust	~ 2016 mith	Weight weight
					records in	1 2016 with a	weight value
					>=100		

FName •	LName •	ClubName	-	DepositDate -	Weight	-
SI	Hickman	Access Users Group		2/13/2014		200
SI	Hickman	Access Users Group		2/18/2015		185
SI	Hickman	Access Users Group		2/13/2015		185
SI	Hickman	Access Users Group		3/7/2015		145
SI	Hickman	Access Users Group		4/19/2015		115
SI	Hickman	Access Users Group		5/1/2015		105
SI	Hickman	Access Users Group		2/22/2016		100
SI	Hickman	Access Users Group		1/30/2015		100
SI	Hickman	Access Users Group		2/26/2014		100
Trixie	Cho	Social Media Club		1/3/2017		205
Trixie	Cho	Social Media Club		8/19/2016		205
Trixie	Cho	Social Media Club		1/15/2017		175
Trixie	Cho	Social Media Club		3/3/2014		100
Trixie	Cho	Social Media Club		2/18/2014		100

The 100PlusDeposits query is copied and the new query is renamed 100PlusDeposits2Clubs, showing records with a ClubName of Access Users Group or Social Media Club and a Weight value >=100

	CenterName •	CenterStreet •	CenterCity ·	Ce ·	CenterZip ·	CenterPhone ·	Contact] -	Contact -
Ð	A1 Salvage Center	987 Main Street	Stillwell	KS	61111	(555) 123-6666	Rhea	Knox
19	Student's Last Name Recycling	12345 Antioch Boulevard	Bridgewater	KS	63444	(555) 222-7897	Derek	Pence
8	Adair County Recycling	12444 Cordoba Drive	Adair	KS	64222	(555) 780-9999	Andrea	Russo
8	Taney County Salvage	78900 Carthage Street	Greenfield	KS	65444	(555) 111-1234	Gina	Pitt
	Student Name	100 Mockingbird Lane	Massena	KS	66789	(555) 888-7777	Clark	Kent
ĸ								

The Centers table datasheet is formatted with 14pt, best fit, landscape orientation, narrow margins, on one sheet

Sere	ervice-2 is c viewed	pened and			
Activities ID MemberNo ActivityDate HoursWorked		Members FirstName LastName Street ZipCode Birthday Dues MemberNo Retired	~~~~		A Relationship report is created and saved as Relationships for Service-2
March2014					The March2017 query is created with the fields shown in Figure 2-21
FirstName	LastName -	ActivityDate -	HoursWorked	+	g
Bart	Bouchart	3/29/2014		4	
Golga	Collins	3/31/2014		8	
Martha	Duman	3/27/2014		4	
Allie	Eahlie	3/29/2014		4	
Jana	Eckert	3/29/2014		5	
Loraine	Goode	3/29/2014		5	
Gabriel	Hammer	3/29/2014		5	
Jeremiah	Hopper	3/27/2014	and the	-	
Helen	Hubert	3/29/2014	Criteria is	ac	Ided to show records
Heidi	Kalvert	3/29/2014	only in M	arc	ch of 2017
Harvey	Mackintosh	3/30/2014		4	
Jon	Maxim	3/30/2014		4	
Micah	Mayberry	3/29/2014		4	The query is sorted by LastName
Patch	Mullins	3/30/2014			and ActivityDate
Patch	Mullins	3/31/2014		8	
Young	Nelson	3/30/2014		10	
Mallory	Olson	3/31/2014		8	
Student First	Student Last	3/29/2014			The Quentin Garden name is
Student First	Student Last	3/30/2014		8	changed to the student name
Su	Vogue	3/30/2014		8	changed to the student flame
Sherry	Walker	3/29/2014		4	
Taney	Wilson	3/30/2014		8	
Taney	Wilson	3/30/2014		8	The query is formatted so all data is visible

(page 1 of 1)

VetClinic-2 is opened and reviewed	T	he ClinicVetL	Listing query is
ClinicVetListing		cated as mistr	
ClinicName -	VetLast +	VetFirst +	Phone -
Animal Emergency Shelter	Chernoble	Selbert	(555) 5 All instances of Animal Haven in the
Animal Emergency Shelter	Kowalewski	Vicki	ClinicName field are changed to Animal
Animal Emergency Shelter	Newhart	Darryl	Emergency
Animal Emergency Shelter	Sanderson	Anne	(555) 555-7900
Animal Emergency Shelter	Sellers	Kenneth	(55) 555 7000
Animal Emergency Shelter	StudentLast	StudentFirst	The student name is added as a new
Veterinary Specialists	Dyster	Mark	(5) record to the Vets table
Veterinary Specialists	Jovar	Thomas	(555) 555-4000
Veterinary Specialists	Krey	Mark	(555) 555-4000
Veterinary Specialists	Marsh	Frank	(555) 555-4000
*	/		Criteria is set to show only Animal Emergency Clinic or Veterinary Specialists
The ClinicName field is move first column, and the query is by ClinicName and VetLast	ed to the sorted	The query is visible as sh	of formatted so all data is own in Figure 2-23

Access Module 2: Building and Using Queries Annotated Solutions

Module Lesson

ile Home Crea	∓ R2G-λ ate Ext	ernal Data Database- C:\Users\Lisa\Downloa	e what you want to do	utions\Access	Module 2\R2G-2-Se	olution.accdb	(Access 2007 - 20	
V Paste Format	Painter	Image: Second secon	Refresh TripC	2G-2 d	atabase co rList quer	ontains 'y	a	
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Access Object	ts «	TripCustomerList						
ables	*	TripName	City	- Category	Price	FName •	LName •	
Categories	~ F	Captiva Bay Cleanup	Captiva	Eco	\$750	Lisa	Gomez	
		Breckenridge Reconstruction	Breckenridge	Eco	\$850	Kristen	Collins	
Customers		Captiva Bay Cleanup	Captiva	Eco	\$750	Kris	Shaw	
Sales		Captiva Bay Cleanup	Captiva	Eco	\$750	Lois	Gordon	
States		Captiva Bay Cleanup	Captiva	ECO	\$750	Naresh	Blackwell	
Trips		Coastal Shore Cleanup	Captiva	Family		Iulia	Bouchart	
ueries	*	Breckenridge Reconstruction	Breckenridge	Eco	The TripCustomer list au			
CATrips		Golden Hands Venture	College Park	Family	Ine mp	Cusion	lei List qu	
CurtomarSalar		Golden Hands Venture	College Park	Family	contains	the Sta	nley Bay	
Customersales		Golden Hands Venture	College Park	Family	TrinNam	a and n	o instand	
EcoAdventureCO7		Golden Hands Venture	College Park	Family	Inpixam		10 mstan	
EcoCO7		Red Reef Cleanup	Islamadora	Eco	Captiva l	Bay Cle	eanup	
TripCustomerList		Captiva Bay Cleanup	Captiva	Eco	-	•	-	
TripRoster		American Heritage Trip	Philadelphia	Educationa	31 \$1,200	Sharol	Wood	
TrinSales		American Heritage Trip	Philadelphia	Educationa	al \$1,200	Lois	Gordon	
Tripsteres		American Heritage Trip	Philadelphia	Educationa	al \$1,200	Tim	Hayes	
inpsbycategory		American Heritage Trip	Philadelphia	Educationa	al \$1,200	Frank	Torres	
TripsByState		Yosemite Park Cleanup	Sacramento	Eco	\$1,250	Tom	Camel	
irms	*	American Heritage Trip	Philadelphia	Educationa	al \$1,200	Jane	Taylor	
CustomerRoster		Yosemite Park Cleanup	Sacramento	Eco	\$1,250	Kristen	Collins	
		American Heritage Trip	Philadelphia	Educationa	al \$1,200	Kris	Shaw	
Customers		American Heritage Trip	Philadelphia	Educationa	al \$1,200	Ralph	Stewart	
Customers ReportNavigation					44 886	Manager		
Customers ReportNavigation		American Heritage Trip	Philadelphia	Educationa	al \$1,200	Nancy	Cole	

Module 2 – Building and Using Queries (page 1 of 6)

File Home Create Ex Image: Second sec	ternal Data Datab Qual Ascending Qual Ascending Qual Descending Qual Descending Qual Descending Sort 8	The first record has from the TripCusto	been deleted merList query	Replace Go To = Select = d	Calibri (Det
All Access Objects® «	TripsByCategor				-
Tables 🏦 🔺	Category	TripName	TripStartDate	Price +	Duration -
Categories	Adventure	Black Sheep Hikers	08/25/2017	\$3,000	14
Customers	Adventure	Gulfside Birdwatchers	06/28/2017	\$1,550	7
Enlar	Adventure	Tropical Sailboat Voyage	06/18/2017	\$1,450	7
Sales	Adventure	Paradise Water Club	06/25/2017	\$1,400	7
States States	Adventure	High Adventurers	06/04/2017	\$1,400	7
Trips	Adventure	Bigfoot Rafting Club	09/12/2017	\$850	4
Queries *	Adventure	Perfect Waves Project	06/26/2017	\$800	5
CATrips	Adventure	Bear Valley Adventures	08/18/2017	\$800	3
CuAmerSales	Adventure	Bikers for Ecology	09/11/2017	\$800	4
	Cultural	Monmouth Festival	11/11/2017	\$1,800	7
E VentureCO7	Eco	Langguth Environment	10/18/2017	\$2,900	10
	Eco	Kings Canyon Bridge Builders	07/12/2017	\$2,800	10
merList	Eco	Red Reef Cleanup	07/05/2017	\$1,500	3
	Eco	Redwood Forest Lab	09/28/2017	\$1,500	14
	Eco	Eagle Hiking Club	06/18/2017	\$1,500	7
	Eco	Water Education Foundation	09/20/2017	\$1,300	14
CATTing quarty has h	200	Yosemite Park Cleanup	07/19/2017	\$1,250	3
e CATTIPS query has b	een	Team Discovery	06/28/2017	\$1,200	5
ated		Mark Twain Forest Project	11/30/2017	\$1,200	7
	200	Outrigger Cleanup	06/28/2017	\$1,000	7
	Eco	Breckenridge Reconstruction	01/01/2018	\$850	7
	Eco	Cactus Ecosystem	09/13/2017	\$800	7
ea ReportNavigation	Eco	Captiva Bay Cleanup	07/05/2017	\$750	3
SalesSubform	Eco	Bass Habitat Project	07/01/2017	\$500	4
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Module 2 – Building and Using Queries (page 3 of 6)



Module 2 – Building and Using Queries (page 4 of 6)

8	5-0-2					Table Tools	R2G-2-Solution : Data	base- C:\Users\Lisa\Do	wnloads\A	ccess 2016	ASFs\Solutions\Ac	cess Module 2\R
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Table	5	*	•	CustNo	- FName	LName	· Street ·	City -	State ·	Zip •	Phone -	FirstContact •
	Categories		æ		Mindi	Scott	52411 Oakmont Rd	Kansas City	MO	64144	(555) 444-1234	Friend
	Customers				2 Jacob	Alman	2505 McGee St	Des Moines	IA	50288	(555) 111-6931	Friend
	Sales				3 Julia	Bouchart	5200 Main St	Kansas City	MO	64105	(555) 111-3081	Mail
	States				4 Jane	Taylor	8206 Marshall Dr	Lenexa	KS	66214	(555) 222-9101	Mail
	Trips				5 Samantha	Garcia	600 Elm St	Olathe	KS	66031	(555) 222-7002	Friend
Queri	es	~	æ		6 Kristen	Collins	520 W 52nd St	Kansas City	KS	64105	(555) 222-3602	Radio
100	CATrips				7 Tom	Camel	520 W 52nd St	Kansas City	KS	64105	(555) 222-3602	Radio
-51	CustomerSales				8 Dick	Lee	66020 King St	Overland Park	KS	66210	(555) 222-8402	Internet
-	See Adventure CO7		•		9 Daniel	Gonzalez	52520 W. 505 Ter	Lenexa	KS	66215	(555) 333-9871	Internet
	conduvernmeco/		Œ	1	10 Brad	Perez	56 Jackson Rd	Kansas City	MO	64145	(555) 333-0401	Mail
	ECOCO7				11 Nancy	Walker	466 Lincoln Rd	Kansas City	MO	64105	(555) 333-0401	Friend
	fripCustomerList				2 Kathryn	Hall	96 Lowell St	Overland Park	KS	66210	(555) 444-4404	Internet
	ripRoster				13 Anne	Johnson	525 Ambassador Dr	Kansas City	MO	64145	(555) 444-8844	Mail
	TripSales				14 Mary Jane	Ramirez	903 East 504th St.	Kansas City	KS	64131	(555) 444-7414	Radio
1	TripsByCategory		(H)		15 Frank	Torres	305 W, 99th St	Lenexa	KS	66215	(555) 566-4344	Radio
1	ripsByState		Œ		6 David	Carter	7066 College Rd	Overland Park	KS	66211	(555) 999-7154	Internet
Form	s	\$			7 Jose	Edwards	624 Riv mond Ter	Clive	IA	50266	(555) 666-0365	Mail
-1	CustomerRoster				18 Ralph	Stewart	4435 N St	Greenfield	IA	50849	(555) 777-8774	Internet
-8	Customers		•	1	9 Naresh	Blackwell	2345 Vd	Kansas City	KS	64108	(555) 888-6004	Friend
-8	ReportNavigation		18	1	20 Elsie	Smith	5253 k Dr	Iowa City	IA	52240	(555) 999-8777	Friend
	alactubleem		۲	1	1 Toby	Smith	5253 Dr	Iowa City	IA	52240	(555) 999-8777	Friend
	and a dororin			3	22 Brandon	Moore	396	West Des Moines	IA	50266	(555) 222-8908	Internet
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Datashe	eet View											

The Customers table has been formatted: print landscape orientation, font=Arial Narrow, font size=12

Module 2 – Building and Using Queries (page 5 of 6)

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AII	Access Objects	5. «	Category •	TripName	TripStartDate •	Price •	Duration -
ab	les	* 4	Adventure	Black Sheep Hikers	08/25/2017	\$3.000	14
	Categories		Adventure	Gulfside Birdwatchers	06/28/2017	\$1.550	7
	Customers		Adventure	Tropical Sailboat Voyage	06/18/2017	\$1.450	7
	Sales		Adventure	Paradise Water Club	06/25/2017	\$1,400	7
T	States		Adventure	High Adventurers	06/04/2017	\$1,400	7
	Trins		Adventure	Bigfoot Rafting Club	09/12/2017	\$850	4
	ries	~	Adventure	Perfect Waves Project	06/26/2017	\$800	5
200	CATring	^	Adventure	Bear Valley Adventures	08/18/2017	\$800	3
-	CAmps		Adventure	Bikers for Ecology	09/11/2017	\$800	4
	CustomerSales		Cultural	Monmouth Festival	11/11/2017	\$1,800	7
e.	EcoAdventureCO7		Eco	Langguth Environment	10/18/2017	\$2,900	10
a.	EcoCO7		Eco	Kings Canyon Bridge Builders	07/12/2017	\$2,800	10
a,	TripCustomerList		Eco	Red Reef Cleanup	07/05/2017	\$1,500	3
-	TrinRoster		Eco	Redwood Forest Lab	09/28/2017	\$1,500	14
	Tiproster		Eco	Eagle Hiking Club	06/18/2017	\$1,500	7
9	TripSales	_	Eco	Water Education Foundation	09/20/2017	\$1,300	14
g	TripsByCategory		Eco	Yosemite Park Cleanup	07/19/2017	\$1,250	3
	TripsByState		Eco	Team Discovery	06/28/2017	\$1,200	5
For	ns	*	Eco	Mark Twain Forest Project	11/30/2017	\$1,200	7
-8	CustomerRoster		Eco	Outrigger Cleanup	06/28/2017	\$1,000	7
-8	Customers		Eco	Breckenridge Reconstruction	01/01/2018	\$850	7
.0	PenortNavigation		Eco	Cactus Ecosystem	09/13/2017	\$800	7
-0	Reportivavigation		Eco	Captiva Bay Cleanup	07/05/2017	\$750	3
	SalesSubform		Fco	Bass Habitat Project	07/01/2017	\$500	4

Datasheet View

Module 2 – Building and Using Queries (page 6 of 6)

Grading Rubric Module 2: Building and Using Queries Visual Workshop



(page 1 of 1)

HouseOf	Reps-2 is oper	ned and			create and Re instruc	d with fields from the States epresentatives tables as cted
OhioAndPenn	StateName	Capital	- ENamo	INIama		
	StateName +	Calumbus	Finame +	Livame	*	
	Ohio	Columbus	Luis	Boenner	The qu	ery is sorted by StateName
Эн	Ohio	Columbus	Sue	Crowley	and the	n LName
JH	Ohio	Columbus	Totoro	Engel		
Л	Ohio	Columbus	Chaka	Higgins		
Эн	Ohio	Columbus	Спака	Hinchey		
Эн	Ohio	Columbus	Dave	Israel		
Эн	Ohio	Columbus	Roger	Maloney		
Эн	Ohio	Columbus	GI	McCarthy		
ЭН	Ohio	Columbus	Mookie	McHugh		
DH	Ohio	Columbus	Dennis	McNulty		
н	Ohio	Columbus	Alan	Pearce		
Н	Ohio	Columbus	John	Reynolds		
ЭН	Ohio	Columbus	Vic	Serrano		
ЭН	Ohio	Columbus	Nydia	Slaughter		
Н	Ohio	Columbus	Ed	Student Last	Name	
н	Ohio	Columbus	Carter	Towns		
Н	Criteria is add	ed to select	reps from	lall		
Н	Ohio or Penns	ylvania usii	ng their	lázquez		
PA	two-character	abbreviatio	ns	umenauer	1	he Butterfield name is
PA				ble	C	hanged to the student name
A	Pennsylvania	Harrisburg	Ron	Etheridge		
A	Pennsylvania	Harrisburg	Denny	Foxx		
A	Pennsylvania	Harrisburg	John	Gillmor		
PA	Pennsylvania	Harrisburg	Spencer	Hayes		

(page 1 of 1)

visible

Jobs is data fi	s created and le location	saved to th	le			Tł da	ne Positions ta from the	table is cre step	ated with
Positions									
PositionID -	Title •	CareerAre	a 🛛 AnnualSa	alar 🗸 D	esirability	*	EmployerID -	Click to Add	*
	Marketing Re	Computers	\$35,00	00.00		5	:	1	
	2 Systems Engin	Computers	\$37.00	00.00		5		1	
	3 Office Special	i Computers	\$32.00	00.00		4		2	
	4 Customer Ser	v Computers	\$31.00	00.00		4		2	
	5 Technician	Computers	\$20.50	0.00		2		2	
(Nour		computers	\$ \$50,50	0.00		0		2	
(New				50.00		0	1	0	
Five Post	e records are itions table	added into	the		Emp set a	oloy is p	verID and Port	ositionID a	re
EmployerID • • • • • • • • • • • • • •	CompanyName - BM EDS Google Apple Bass Pro Shops	EmpStreet • 400 Locust St 500 Cricket St 600 Crocker St 700 Beetle St 800 Ladybug St	EmpCity - E Des Moines IA Ames IA Omaha NE Lincoln NE Sioux City NE	EmpState E E E	 EmpZip 51122 50010 66000 66110 66220 	•	EmpPhone - 0 515-555-4444 515-555-3333 616-555-2222 616-555-1111 616-555-3333	Click to Add 🔸	
The l data	Employers ta from the step	ble is creat	ed with			Fiv Em	e records ar ployers tabl	e added int	o the
JobList									
CompanyName	• Title •	CareerArea +	AnnualSalar -	Desirabil	ity -				
IBM	Systems Engine	Computers	\$37,000.00		5				
IBM	Marketing Rep	Computers	\$35,000.00		5				
EDS	Customer Serv	Computers	\$31,000.00		4				
EDS	Office Speciali:	Computers	\$32,000.00		4	_			
EDS	Technician	Computers	\$30,500.00		3	т	he lobl ist	merv is cre	ated as
5							nstructed, so	orted by De	sirability



Grading Rubric Module 2: Building and Using Queries Visual Workshop

Professor: Notes: Solution Filename: Baseball-2.accdb

Description	Pts	Your
		Score
Baseball-2 is opened and saved to the data file location	2	
The PitchersAndCatchers query is created as shown in Figure 2-24	3	
Criteria to show Position values equal to 1 or 2 is used	3	
Query is sorted by TeamName and Position	3	
Aaron Campanella record is changed to the student name	3	
Query is formatted to best fit for all data	3	
TOTAL POSSIBLE POINTS:	17	0

Professor: Notes: Solution Filename: HouseOfReps-2.accdb

Description	Pts	Your
		Score
HouseOfReps-2 is opened and reviewed	2	
The OhioAndPenn query is created with fields from the States and	3	
Representatives tables as instructed		
The query is sorted by StateName and then LName	3	
Criteria is added to select reps from Ohio or Pennsylvania using their two-	3	
character abbreviations		
The Butterfield name is changed to the student name	3	
The query is formatted so all data is visible	3	
TOTAL POSSIBLE POINTS:	17	0

YOUR SCORE: _____

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Access Module 2: Building and Using Queries

A Guide to this Instructor's Manual:

We have designed this Instructor's Manual to supplement and enhance your teaching experience through classroom activities and a cohesive module summary.

This document is organized chronologically, using the same heading in <u>blue</u> that you see in the textbook. Under each heading you will find (in order): Lecture Notes that summarize the section, Teacher Tips, Classroom Activities, and Lab Activities.

In addition to this Instructor's Manual, our Instructor's Resources Site also contains PowerPoint Presentations, Test Banks, and other supplements to aid in your teaching experience.

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Module Objectives

Students will have mastered the material in Access Module 2 when they can:

- Use the Query Wizard
- Work with data in a query
- Use Query Design View
- Sort and find data

- Filter data
- Apply AND criteria
- Apply OR criteria
- Format a datasheet

Access 28: Use the Query Wizard

LEARNING OUTCOMES

- Describe the purpose for a query
- Create a query with the Simple Query Wizard

LECTURE NOTES

• Introduce the **Simple Query Wizard** in FIGURE 2-1 and, depending on the background of students, show them that using the wizard spares students having to write **SQL (Structured Query Language)** code.

- Make sure students realize that a **query** is merely a question it is not a duplication of the data even though the datasheet that is presented (the **logical view** of the data, shown in FIGURE 2-2) can be used for data entry and updates.
- Be sure students understand that a query allows you to focus on specific information that answers the query question.
- Emphasize the wide and extensive use of queries to the database user.

TEACHER TIPS

Introduce this module by reminding students that when they use an online search engine, such as Google or Bing they are really asking questions of a database. When they access the online catalog at the library, they also are querying a database.

Querying is one of the main benefits of creating a database. Users want to be able to find answers quickly to questions concerning the data.

CLASSROOM ACTIVITIES

- 1. Critical Thinking: Ask students to come up with reasons they would use a query (versus opening a table datasheet). Answers include:
 - To view fields from more than one table in a single datasheet.
 - To view subsets of records rather than all the records in a table datasheet (filtering and adding criteria covered later in Unit B).
 - To create calculated fields.
 - To collect the fields and records needed for forms and reports.
- 2. Class Discussion: Ask students for sample questions that might be asked of a student database.

Access 30: Work with Data in a Query

LEARNING OUTCOMES

- Edit records in a query
- Delete records in a query

LECTURE NOTES

- Compare entering and editing data in a query datasheet to the same tasks in a table datasheet.
- Use FIGURES 2-3 and 2-4 to show the effects of updating a record in the query datasheet and deleting another record.

TEACHER TIP

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Inherent to students' understanding of how relational databases work is understanding that every other object is built "on top of" the tables. Any time data is being edited, it is being changed/stored in table objects. Tables, queries, and forms can all be used to enter and update data, but data is only physically stored in tables. Without this understanding students may be led to believe that they need to update data every place it is presented – in every query, form, or report where it is shown. This is not true. Once data is changed, for example, once the name Friedrichsen is changed to Franklin, every other object that displays that data is automatically updated as well.

CLASSROOM ACTIVITIES

- 1. Class Discussion: Ask students to brainstorm some real-world scenarios in which they would make the kinds of modifications demonstrated in this section.
- 2. Critical Thinking: Querying means asking questions. What kind of questions do you ask in a typical day? Would a database be able to answer those questions?

Access 32: Use Query Design View

LEARNING OUTCOMES

- Work in Query Design View
- Add criteria to a query

LECTURE NOTES

- Point out the various parts of the **Query Design View** window in FIGURE 2-5, and the resulting query in FIGURE 2-6.
- Explain that students should be extremely familiar with Query Design View, criteria, field lists, join lines (link lines), and the query design grid.
- Point out the one-to-many relationship line between related tables in the query in FIGURE 2-5.
- Distinguish between the use of the **Save command** on the File tab and the **Save Object As command**, reminding students that Access saves data automatically as they move from record to record.

TEACHER TIPS

Note that when there is no scroll bar in a field list, it means that all fields are visible.

Access uses Query-by-Example (QBE) to query a database. Query-by-Example is a query manipulation language for relational databases in which users indicate the action to be taken by completing on-screen forms. The query feature of Microsoft Excel uses QBE.

Students should understand that although the answer displays in Datasheet view, no table exists. It is a dynamic or virtual set of records. When a query design is saved, only the design is saved not the answer. Query results, therefore, always show the most current data.

CLASSROOM ACTIVITIES

1. Quick Quiz:

- 1. How is the relationship between two tables displayed? (Answer: With a join line, or link line)
- 2. What does the query design grid display? (Answer: The field names, sort orders, and criteria used within the query)

2. Assign a Project: Have students research QBE, an early language for creating queries and then share the results of their research with the class.

Access 34: Sort and Find Data

LEARNING OUTCOMES

- Apply short orders to a query
- Find and replace data in a query
- Undo edits in a query

LECTURE NOTES

- Make sure students understand how ascending and descending sort orders apply to each different type of field, for example text, number, currency, and date/time data.
- Make sure students know that they can click any field and use it to sort the records. Point out the **field selector** in FIGURE 2-7. Access never sorts just a single field/column at a time. Review the result of the new sort orders in the datasheet in FIGURE 2-9.
- Review the features of the Find and Replace dialog box in FIGURE 2-8.

CLASSROOM ACTIVITIES

- Critical Thinking: Sorting means ordering records in a particular way. When would it be useful to sort data in ascending order? Why? When would it be useful to sort data in descending order? Why?
- 2. Quick Quiz:
 - 1. Deleting a field from a query deletes it from the underlying table. T/F? (Answer: False)
 - 2. Sort orders always work from right to left. T/F? (Answer: False)

LAB ACTIVITY

Using the query shown in FIGURE 2-7, have students practice sorting on more than one field such as Category and TripName. Ask them to sort by duration within each category. Show them how to move the Price field to the left of the Category field, select both fields, and apply a sort to the two fields at the same time to achieve the desired sort.

Access 36: Filter Data

LEARNING OUTCOMES

- Apply and remove filters in a query
- Use wildcards in criteria

LECTURE NOTES

- **Filtering** data is a *temporary* activity. As soon as the filter is removed, it is not saved. Therefore, if a question about the data is asked over and over again, it should be saved as a query so that the query can simply be opened to see the resulting data.
- Simple filters require only that students click the field they want to filter on (such as Adventure in the Category field), and click the Selection button. Any filtering done with two or more fields requires the use of the advanced filter tools.
- Contrast the use of the **Filter By Selection** feature with the use of **Filter By Form** feature.

- Use TABLE 2-2 to compare filters and queries. Point out to students, however, that queries are by far more powerful. Discuss the filter buttons shown in TABLE 2-3 and when each one would be used.
- Review the wildcard characters shown in the Clues to Use box.

TEACHER TIPS

Be sure to have students view the navigation buttons after each filter to get a sense of how many records they are viewing at any one time. This will help them answer the "reasonableness" test question. Is the answer I'm seeing reasonable? (or not?) Students may not know the answer to this when working with sample database files provided by this textbook, but they certainly would be able to answer that question in the real world when working with their own data.

Note that while a filter is not the same thing as a query, if you create a filter and decide that you would like to reuse it, and therefore should have created a query, a filter can be saved as a query object and reused. For the most part, however, filters are temporary views of data and do not contain as much power as queries (see TABLE 2-2).

Filtering produces a subset of the table. This is useful when you need to update a field in several records with the same value but do not need an update query.

Make sure students understand the difference between the Toggle Filter button and the Clear All Filters button. The Toggle Filter button redisplays all records but does not clear any filters that have been applied.

When a criterion is entered in a query, the criterion is an example of the expected result. Entering criterion in a query is similar to entering an author's name in a search of a library card catalog or an electronic library database. The asterisk and question mark wildcards are the same wildcards that are used with the search features in Windows and other Microsoft applications. Access automatically adds the LIKE operator and quotation marks to criteria that use wildcards.

CLASSROOM ACTIVITIES

- 1. Class Discussion: Consider circumstances in which the Filter By Selection feature is the tool to use. When is Filter By Form better to use?
- 2. Critical Thinking: Why does Microsoft provide so many different features (filters versus queries for example) that overlap in functionality? (Even though there are times when more than one tool could do a job, depending on the nature of the problem there is generally a "best" way to accomplish a task. Providing many different tools gives the user the choice of several ways to tackle a problem. It is incumbent on the user to be trained well enough to know which tool is most productive and best for each job.)
- 3. Critical Thinking: Compare the two methods of finding records presented in this chapter: searching and filtering. Which do you consider to be more efficient? As a database user, when do you think it would be best to use filtering rather than searching?

Access 38: Apply AND Criteria

LEARNING OUTCOMES

- Enter AND criteria in a query
- Define criteria syntax
- Use comparison operators with criteria

LECTURE NOTES:

- Being able to master query criteria is absolutely essential to the success of every Access user. Do not let students go beyond this lesson until they completely understand it.
- Note that the use of "AND" means that BOTH criteria must be true in order for the record to be selected.
- The **AND criteria** are entered in one row of the query grid as shown in FIGURE 2-13. It is absolutely essential that students understand what AND criteria is as well as how to enter it in the query grid.
- Discuss the support that Access provides with **criteria syntax** and review the function of the comparison operators in TABLE 2-4.
- Explain how to search for blank fields using the Clues to Use box.

TEACHER TIPS

Comparison operators are used with both numeric and text data. The order of the greater than or equal to (>=) and less than or equal to (<=) operators is fixed; they cannot be reversed.

The difference between putting criteria in one versus two rows is extremely important and is covered in the lessons on AND versus OR criteria. At this point, students are starting to see how important precision is when working with databases.

Be sure students understand that they can go back and forth between Datasheet and Query Design View to make sure you get the records desired. The most common errors would be not entering the criteria on one row or making a typo.

You can use a Venn diagram to illustrate the concept of AND and OR criterion visually:



CLASSROOM ACTIVITIES

- 1. Class Discussion: Design a truth table on the board and fill in the values with the students. Ask students for other uses of a truth table.
- 2. Quick Quiz:
 - 1. With AND criteria, all criteria must be true to select the record. T/F? (Answer: True)
 - 2. Criteria syntax are rules that specify how to enter criteria. T/F? (Answer: True)

Access 40: Apply OR Criteria

LEARNING OUTCOMES

- Enter OR criteria in a query
- Rename a query

LECTURE NOTES:

- Explain the difference between AND and **OR criteria** in the query grid. Students show know how it is entered (as shown in FIGURE 2-15) as well as how many records are selected (as shown in FIGURE 2-16).
- Note that OR criteria always retrieves more records. AND criteria always narrows the number of records selected. OR criteria always expands the number of records selected.

CLASSROOM ACTIVITIES

Critical Thinking: How would you write a query to find all trips where the state was Colorado and the duration was either 7 or 10 days?

- 1. Quick Quiz:
 - 1. You use AND criteria when one criterion must be true in order for the record to be selected. T/F? (Answer: False)

Access 42: Format a Datasheet

LEARNING OUTCOMES

- Zoom in print preview
- Format a datasheet
- Change page orientation

LECTURE NOTES:

- Many of the buttons and tools students will use to format a datasheet are already familiar to them from Word and Excel such as Bold, Italic, Underline, Font Color, Font Face, Font Size, and Fill. The Alternate Fill/Back Color button helps readers differentiate different lines on datasheet printouts.
- Note that the entire datasheet is formatted as a single unit. You do not format individual cells as you do in Excel.

TEACHER TIP:

Point out the differences between a color and black and white printer. On a black and white printer, all colors are converted to shades of gray. Bright colors may be converted to solid black boxes. Always encourage students to print preview before printing.

CLASSROOM ACTIVITIES

- Assign a Project: Have students open a datasheet and apply at least three formats that they feel enhance the printout. Print the datasheets, pair students up, and have them critique each other's printouts. Remind students that some formatting embellishments, such as too much color, font size too small to read, font face too fancy to be legible, can actually detract from readability and professionalism.
- 2. Group Activity: Ask students to apply three different formats to a datasheet in three different categories (font face, font size, color) and print them. Have them write down the formatting

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embellishments on the back of the paper. Pass the papers around the class and ask students to vote on the one they like best and explain why.

End of Module Material

- **Concepts Reviews** consist of multiple choice, matching, and screen identification questions.
- **Skills Reviews** provide additional hands-on, step-by-step reinforcement.
- **Independent Challenges** are case projects requiring critical thinking and application of the module skills. The Independent Challenges increase in difficulty, with the first one in each module being the easiest. Independent Challenges 2 and 3 become increasingly open-ended, requiring more independent problem solving.
- Independent Challenge 4: Explore contain practical exercises to help students with their everyday lives by focusing on important and useful essential skills, including creating photo montages for scrapbooks and photo albums, retouching and color-correcting family photos, applying layer styles and getting Help online.
- **Visual Workshops** are practical, self-graded capstone projects that require independent problem solving.

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MODULE 2 Building and Using Queries

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Module 2: Building and Using Queries

Concepts Review

Screen Labeling	Matching Items	Multiple Choice
1. Trips table field list	6. h	16. b
2. Duration field from Trips table in query grid	7. c	17. a
3. Ascending sort order on TripName field	8. d	18. d
4. Or criteria on two rows	9. j	19. b
5. And criteria on one row	10. e	20. a
	11. a	
	12. i	
	13. b	
	14. f	
	15. g	

Skills Review

Data File: Salvage-2.accdb. Solution File: Salvage-2-Solution.accdb

1.-2. The final CenterDeposits query is shown below.

CenterName	→ DepositDate →	Weight +	ClubName
Student's Last Name Recycling	1/30/2017	80	Kansas City Frogman Club
Taney County Salvage	1/30/2017	150	Boy Scout Troop 6
Adair county Recycling	1/21/2017	170	Great Plains 4-H
Student's Last Name Recycling	1/20/2017	80	Bootstrap Club
A1 Salvage Center	1/20/2017	190	Junior League
Taney County Salvage	1/16/2017	85	Access Users Group
A1 Salvage Center	1/15/2017	175	Social Media Club
Taney County Salvage	1/14/2017	85	Junior League
A1 Salvage Center	1/13/2017	100	Bootstrap Club
Taney County Salvage	1/13/2017	125	Boy Scout Troop 6
Taney County Salvage	1/9/2017	90	Social Media Club
Adair county Recycling	1/9/2017	80	Kansas City Frogman Club
Adair county Recycling	1/8/2017	140	Junior League
Student's Last Name Recycling	1/7/2017	105	Kansas City Frogman Club
Adair county Recycling	1/7/2017	30	Boy Scout Troop 6
Taney County Salvage	1/7/2017	60	Great Plains 4-H
A1 Salvage Center	1/3/2017	205	Social Media Club
Student's Last Name Recycling	1/2/2017	45	Junior League
Taney County Salvage	12/8/2016	50	Access Users Group
A1 Salvage Center	12/6/2016	80	Social Media Club
Student's Last Name Recycling	12/3/2016	70	Social Media Club
Student's Last Name Recycling	12/1/2016	80	Access Users Group
Adair county Recycling	11/29/2016	90	Junior League

Note:

- 1b: CenterName, DepositDate, Weight, ClubName fields
- 1c: Johnson Recycling was changed to a center name that has the student's last name.
- 2a: The first record (A1 Salvage Center with a DepositDate of 2/4/2014) has been deleted
- 2b: JavaScript KC (ClubName) has changed to Bootstrap Club.
- 2d: The date of 1/30/2017 is entered for the current first record
- 3-5: The final 100PlusDeposits query is shown below:

FName 🝷	LName -	ClubName	DepositDate -	Weight -
51	Hickman	Access Users Group	2/13/2014	200
51	Hickman	Access Users Group	2/13/2015	185
51	Hickman	Access Users Group	2/18/2015	185
51	Hickman	Access Users Group	3/7/2015	145
51	Hickman	Access Users Group	4/19/2015	115
51	Hickman	Access Users Group	5/1/2015	105
51	Hickman	Access Users Group	1/30/2015	100
51	Hickman	Access Users Group	2/22/2016	100
51	Hickman	Access Users Group	2/26/2014	100
Cory	Harding	Bootstrap Club	2/28/2016	125
Cory	Harding	Bootstrap Club	4/3/2016	115
Cory	Harding	Bootstrap Club	1/13/2017	100
Charles	Schaffer	Boy Scout Troop 6	4/30/2015	205
Charles	Schaffer	Boy Scout Troop 6	2/20/2015	200
Charles	Schaffer	Boy Scout Troop 6	2/20/2014	200
Charles	Schaffer	Boy Scout Troop 6	5/7/2015	190
Charles	Schaffer	Boy Scout Troop 6	1/30/2017	150
Charles	Schaffer	Boy Scout Troop 6	1/13/2017	125
Charles	Schaffer	Boy Scout Troop 6	4/18/2016	105
Charles	Schaffer	Boy Scout Troop 6	11/2/2016	100
Renaldo	Bartles	Great Plains 4-H	1/21/2017	170
Amy	Moon	Junior League	9/24/2015	200
Amy	Moon	Junior League	1/20/2017	190

Note:

3c: FName, LName, ClubName, DepositDate, Weight fields

3d: All Weight values are >=100 saved in Query Design View

4a: Ascending sort order is placed on the ClubName field and descending sort order is placed on Weight field in Query Design View

4c: Boy Scout Troop 324 (ClubName) has been changed to Boy Scout Troop 6.

4d: Trey in FName field is changed to student's initials (SI in figure above)

5a Filter the records for ClubName equals Access Users Group.

5b **Filter** the records from step 5a for DepositDate >=1/1/2015 as shown below:

5c Print the datasheet if requested by the instructor. Note that filters are temporary and not saved with the query, so if you want to grade step 5, the student must produce this printout.

FName	🔹 🛨 LName 👻	ClubName	-Y	DepositDate-Y	Weight -
SI	Hickman	Access Users Group		2/18/2015	185
SI	Hickman	Access Users Group		2/13/2015	185
SI	Hickman	Access Users Group		3/7/2015	145
SI	Hickman	Access Users Group		4/19/2015	115
SI	Hickman	Access Users Group		5/1/2015	105
SI	Hickman	Access Users Group		2/22/2016	100
SI	Hickman	Access Users Group		1/30/2015	100
*					

6a: Save the 100PlusDeposits query as 100PlusDeposits2016.

6c. The criteria entry Like "*/*/2016" should be in the DepositDate field in Query Design View. Alternatively, the criteria >=1/1/2016 and <= 12/31/2016 or >12/31/2015 and <1/1/2017 are also equivalent ways to select all records in the year 2016 as shown below:

LName -	ClubName +	DepositDate -	Weight -
Hickman	Access Users Group	2/22/2016	100
Harding	Bootstrap Club	2/28/2016	125
Harding	Bootstrap Club	4/3/2016	115
Schaffer	Boy Scout Troop 6	4/18/2016	105
Schaffer	Boy Scout Troop 6	11/2/2016	100
Smith	Kansas City Frogman Club	8/20/2016	105
Cho	Social Media Club	8/19/2016	205
	LName + Hickman Harding Harding Schaffer Schaffer Smith Cho	LNameClubNameHickmanAccess Users GroupHardingBootstrap ClubHardingBootstrap ClubSchafferBoy Scout Troop 6SchafferBoy Scout Troop 6SmithKansas City Frogman ClubChoSocial Media Club	LNameClubNameDepositDate -HickmanAccess Users Group2/22/2016HardingBootstrap Club2/28/2016HardingBootstrap Club4/3/2016SchafferBoy Scout Troop 64/18/2016SchafferBoy Scout Troop 611/2/2016SmithKansas City Frogman Club8/20/2016ChoSocial Media Club8/19/2016

7. Save the 100PlusDeposits query as 100PlusDeposits2Clubs. The solution is shown in Figure 2-20. Note: 7b-7c. All records have ClubName = Social Media Club or Access Users Group and Weight >=100

8a. For the Centers table, the Times New Roman font with 14-point font size is applied

8b. All columns have been resized so data and field names are visible.

8c-8d. If creating a printout, the printout should be in landscape orientation and use narrow margins so that it fits on a single sheet of paper.

Independent Challenge 1

Data File: Service-2.accdb. Solution File: Service-2-Solution.accdb

The solution to this exercise is shown in Figure 2-21.

d. Check for the Relationships for Service-2 report shown below:



- e. Create a query (named March2017 in step i) with these fields: FirstName, LastName, ActivityDate, HoursWorked. The solution to this is shown in Figure 2-21.
- g. Add criteria to select only those records in March 2017.
- h. In Query Design View, apply an ascending sort order on the LastName and ActivityDate fields.
- i. Make sure that the student's name has replaced Quentin Garden and that the columns have been widened to clearly display all data and field names.

Independent Challenge 2

Data File: HouseOfReps-2.accdb. Solution File: HouseOfReps-2-Solution.accdb

The final solution is shown in Figure 2-22. Note:

- c. The fields are in the following order: StateAbbrev, StateName, Capital, FName, LName
- d. An ascending sort order on StateName then LName.
- e. Criteria to select only Ohio or Pennsylvania using OH and PA criteria in the StateAbbrev field.
- f. The query is named OhioAndPenn. The student's name is entered instead of Butterfield.

Independent Challenge 3

Data File: VetClinic-2.accdb. Solution File: VetClinic-2-Solution.accdb

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The solution is shown in Figure 2-23. Note:

- c. Student Name is added as a new record in Vets table.
- e. ClinicVetListing is the new query name with the following fields: VetLast, VetFirst, ClinicName, and Phone. (Note the order of fields is changed in step h.)
- f. Animal Haven (ClinicName) changed to Animal Emergency Shelter.
- g. In Query Design View, criteria is added to the ClinicName field to select only Animal Emergency Shelter or Veterinary Specialists.
- h. In Query Design View, the ClinicName field is moved to the first field column and an ascending sort order is added to the ClinicName and VetLast fields.
- i. Fields are resized to show all data.

Independent Challenge 4

No Data File. Solution File: Jobs-Solution.accdb

- b. Check Table Design View of the Positions table. The field names, data types, and descriptions should match this step.
- c. Check Table Design View of the Employers table. The field names, data types, and descriptions should match this step.
- d. Make sure EmployerID is the primary key field of the Employers table. Make sure PositionID is the primary key field of the Positions table.
- e. Make sure the relationships window looks like the following:



f-g. Answers will vary, but a potential solution is shown below. There should be five valid records in the Employers table, and five valid records in the Positions table. The records in the Positions table can be attached to any employer record.

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	Em	ployerID - C	ompanyName	EmpStreet -	EmpCity -	EmpState	*	EmpZip •	- 1	EmpPhone -	Click to Add	-
F		1 IB	M	400 Locust St	Des Moines	IA		51122	5	15-555-4444		
L	N	PositionID -	Title 🔹	CareerArea -	AnnualSalar -	Desirability	-	Click to Add 👻				
			Marketing Rep	Computers	\$35,000.00		5					
		2	2 Systems Engine	Computers	\$37,000.00		5					
	*	(New)		\$0.00		0					
F.		2 EC	DS .	500 Cricket St	Ames	IA		50010	5	15-555-3333		
L	Y.	PositionID -	Title 🗸	CareerArea 👻	AnnualSalar -	Desirability -	-	Click to Add 👻				
		3	3 Office Speciali	Computers	\$32,000.00		4					
		4	Customer Serv	Computers	\$31,000.00		4					
		5	5 Technician	Computers	\$30,500.00		3					
	*	(New)		\$0.00		0					
Ŧ		3 G	oogle	600 Crocker St	Omaha	NE		66000	6	16-555-2222		
L	1	PositionID -	Title 🔹	CareerArea 👻	AnnualSalar -	Desirability	-	Click to Add 👻				
	*	(New)		\$0.00		0					
Ŧ		4 A	pple	700 Beetle St	Lincoln	NE		66110	6	16-555-1111		
L	2	PositionID -	Title 🗸	CareerArea 👻	AnnualSalar -	Desirability	-	Click to Add 👻				
	*	(New)		\$0.00		0					
F		5 Ba	ass Pro Shops	800 Ladybug S	t Sioux City	NE		66220	6	16-555-3333		
Ч	Z	PositionID -	Title -	CareerArea 🔸	AnnualSalar -	Desirability	-	Click to Add 👻				
	*	(New)		\$0.00		0					
		(New)										

 A potential solution to the JobList query is shown below. (Answers will vary based on the records entered in the Positions table). Make sure the query contains these fields: CompanyName, Title, CareerArea, AnnualSalary, and Desirability. Make sure the records are sorted in descending order on the Desirability field.

	CompanyName 👻	Title 🔹	CareerArea 🔹	AnnualSalary -	Desirability -
	IBM	Systems Engineer	Computers	\$37,000.00	5
	IBM	Marketing Representative	Computers	\$35,000.00	5
	EDS	Customer Service Rep	Computers	\$31,000.00	4
	EDS	Office Specialist	Computers	\$32,000.00	4
	EDS	Technician	Computers	\$30,500.00	3
e					

Visual Workshop

Data File: Baseball-2.accdb. Solution File: Baseball-2-Solution.accdb

The solution is shown in Figure 2-24. Make sure the correct fields are selected: TeamName, PlayerLast, PlayerFirst, and Position.

Make sure only Position 1 and 2 are selected and an ascending sort order is added to the TeamName and PlayerPosition fields in Query Design View.

Aaron Campanella should be changed to the student's name.

The query should be saved with the name PitchersAndCatchers.

All fields should be widened to see all of the data.

Page 1

Productivity App: Productivity Apps for School and Work

1. OneNote will not function at all without an Internet connection.

a. True	
b. False	
ANSWER:	False
POINTS:	1
REFERENCES:	PA-2
	Syncing a Notebook to the Cloud
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:21 PM
DATE MODIFIED:	4/26/2016 7:26 PM

2. OneNote allows users to convert handwriting to text using the Ink to Text button.

a. True	
b. False	
ANSWER:	True
POINTS:	1
REFERENCES:	Converting Handwriting to Text PA-3
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:26 PM
DATE MODIFIED:	4/26/2016 7:27 PM

3. It is possible to record audio conversations with OneNote if your computer or device has a camera and/or a microphone.

a. True	
b. False	
ANSWER:	True
POINTS:	1
REFERENCES:	PA-4
	Recording a Lecture
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:27 PM
DATE MODIFIED:	4/26/2016 7:29 PM

4. Microsoft Sway is available as an app on Office365 or at Sway.com.

a. True	
b. False	
ANSWER:	True
POINTS:	1
REFERENCES:	Introduction to Sway PA-6

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Name: Class: Date:

QUESTION TYPE: True / False HAS VARIABLES: False DATE CREATED: 4/26/2016 7:35 PM DATE MODIFIED: 4/26/2016 7:38 PM

5. Sway users work through a Storyline, which has tools and a work area for composing a digital story.

a. True	
b. False	
ANSWER:	False
POINTS:	1
REFERENCES:	Creating a Sway Presentation PA-6
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:38 PM
DATE MODIFIED:	4/26/2016 7:46 PM

6. Sway will not resize background images, so it is necessary to purchase a separate app to do that.

a. True	
b. False	
ANSWER:	False
POINTS:	1
REFERENCES:	Introduction to Sway PA-6
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:46 PM
DATE MODIFIED:	4/26/2016 7:48 PM

7. Office Mix is an add-in for Microsoft PowerPoint, which allows users to enhance PowerPoint presentations.

a. True	
b. False	
ANSWER:	True
POINTS:	1
REFERENCES:	Introduction to Office PA-10
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:48 PM
DATE MODIFIED:	4/26/2016 7:49 PM

^{8.} Through Office Mix, video clips, slide notes, and screen recordings can be added to PowerPoint presentations. a. True

b. False	
ANSWER:	True
POINTS:	1
REFERENCES:	Capturing Video Clips PA-11
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:50 PM
DATE MODIFIED:	4/26/2016 7:51 PM

9. Office Mix is currently capable of handling extended response quizzes, with more quiz types to be available soon.

a. True	
b. False	
ANSWER:	False
POINTS:	1
REFERENCES:	Inserting Quizzes, Live Webpages, and Apps PA-12
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:51 PM
DATE MODIFIED:	4/26/2016 7:52 PM

10. Microsoft Edge is a Web browser that was designed as an add-in to Internet Explorer. a True

a. Iluc	
b. False	
ANSWER:	False
POINTS:	1
REFERENCES:	Introduction to Microsoft Edge PA-14
QUESTION TYPE:	True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 7:52 PM
DATE MODIFIED:	4/26/2016 7:53 PM

11. Cortana appears as an animated circle in the Address bar when it is turned on and you might need assistance.

= =	
a. True	
b. False	
ANSWER:	True
POINTS:	1
REFERENCES:	Locating Information with Cortana PA-14
QUESTION TYPE:	True / False
HAS VARIABLES:	False

DATE CREATED: 4/26/2016 7:54 PM DATE MODIFIED: 4/26/2016 7:55 PM

12. Microsoft Edge will allow users to save webpages, but they cannot be written on.

a. True	I		
b. False			
ANSWER:	False		
POINTS:	1		
REFERENCES:	Annotating Webpages PA-15		
QUESTION TYPE:	True / False		
HAS VARIABLES:	False		
DATE CREATED:	4/26/2016 7:56 PM		
DATE MODIFIED:	4/26/2016 7:57 PM		
13. Each OneNote no	otebook is divided into sections, also called Section Tabs.		
ANSWER:	True		
POINTS:	1		
REFERENCES:	Introduction to OneNote 2016 PA-2		
QUESTION TYPE:	Modified True / False		
HAS VARIABLES:	False		
DATE CREATED:	4/26/2016 7:57 PM		
DATE MODIFIED:	4/26/2016 7:59 PM		
14. It is possible, thr	14. It is possible, through OneNote, to draw directly on the screen using drawing tools.		
ANSWER:	True		
POINTS:	1		
REFERENCES:	Introduction to OneNote 2016 PA-2		
QUESTION TYPE:	Modified True / False		
HAS VARIABLES:	False		
DATE CREATED:	4/26/2016 7:59 PM		
DATE MODIFIED:	4/26/2016 7:59 PM		
15. OneNote only all	lows one type of project to be stored at a time.		
ANSWER:	False -		
POINTS:	1		
REFERENCES:	Creating a OneNote Notebook PA-2		
QUESTION TYPE:	Modified True / False		
HAS VARIABLES:	False		
DATE CREATED:	4/26/2016 8:01 PM		
DATE MODIFIED:	4/26/2016 8:03 PM		
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 Name:
 Class:
 Date:

Productivity App: Productivity Apps for School and Work

16. A Sway site can be shared on Microsoft-approved devices only.

ANSWER:	False -
POINTS:	1
REFERENCES:	PA-6
	Introduction to Sway
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:03 PM
DATE MODIFIED:	4/26/2016 8:05 PM
17. Storyline selection	ons, called Frames, allow users to add content.
ANSWER:	False -
POINTS:	1
REFERENCES:	Creating a Sway Presentation
	PA-6
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:05 PM
DATE MODIFIED:	4/26/2016 8:06 PM

18. Users can add Facebook or OneNote pictures in Sway without leaving the app. _____

ANSWER:	True
POINTS:	1
REFERENCES:	Adding Content to Build a Story PA-7
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:07 PM
DATE MODIFIED:	4/26/2016 8:08 PM
19. To use Office Mi	x, an account is necessary at mix.office.com.
ANSWER.	1
REFERENCES:	Adding Office Mix to PowerPoint PA-10
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:08 PM
DATE MODIFIED:	4/26/2016 8:09 PM

20. Office Mix is an integral part of PowerPoint--it need not be downloaded and installed. ANSWER: False -

POINTS:	1
REFERENCES:	PA-10 Adding Office Mix to DowerDoint
	Adding Office Mix to PowerPoint
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:10 PM
DATE MODIFIED:	4/26/2016 8:11 PM

21. Using Office Mix, screen recordings can be captured and used to help enhance a presentation.

ANSWER:	True
POINTS:	1
REFERENCES:	Capturing Video Clips PA-11
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:12 PM
DATE MODIFIED:	4/26/2016 8:13 PM

22. In Microsoft Edge, Reading View will not block pop-up ads or other clutter on a webpage.

ANSWER:	False -
POINTS:	1
REFERENCES:	Browsing the Web with Microsoft Edge PA-14
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:13 PM
DATE MODIFIED:	4/26/2016 8:14 PM

23. The Inking toolbar in Microsoft Edge allows users to write on webpages and save the webpage as well as the writing on it. ______

ANSWER:	True
POINTS:	1
REFERENCES:	Annotating Webpages PA-15
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
DATE CREATED:	4/26/2016 8:15 PM
DATE MODIFIED:	4/26/2016 8:15 PM

24. Microsoft Edge runs in a partial Sandbox, which helps prevent attackers from gaining control of a computer.

ANSWER:	True
POINTS:	1
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Productivity App: Productivity Apps for School and Work		
REFERENCES:	Annotating Webpages PA-15	
QUESTION TYPE:	Modified True / False	
HAS VARIABLES:	False	
DATE CREATED:	4/26/2016 8:16 PM	
DATE MODIFIED:	4/26/2016 8:17 PM	
25. Microsoft OneN	ote is a app for your academic and professional life.	
a. spreadsheet		
b. notetaking		
c. database		
d. gaming		
ANSWER:	b	
POINTS:	1	
REFERENCES:	Introduction to OneNote 2016 PA-2	
QUESTION TYPE:	Multiple Choice	
HAS VARIABLES:	False	
DATE CREATED:	4/26/2016 8:17 PM	
DATE MODIFIED:	4/26/2016 8:23 PM	
26. OneNote is divid a. spiral noteboo	led into sections similar to that of a bk.	
b. map		
c. compass		
d. desktop		
ANSWER:	a	
POINTS:	1	
REFERENCES:	Creating a OneNote Notebook PA-2	
QUESTION TYPE:	Multiple Choice	
HAS VARIABLES:	False	
DATE CREATED:	4/26/2016 8:56 PM	
DATE MODIFIED:	4/26/2016 8:58 PM	
27. The Microsoft O	neNote mobile app	
a. was subcontra	acted for Microsoft by Google.	
b. runs a full ver	sion of OneNote 2016.	
c. 1s a lightweig	ht version of OneNote 2016.	
d. syncs with all	Apple products.	
ANSWER:	С	
POINTS:	1	
REFERENCES:	Syncing a Notebook to the Cloud	

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PA-2 QUESTION TYPE: Multiple Choice HAS VARIABLES: False DATE CREATED: 4/26/2016 8:59 PM DATE MODIFIED: 4/26/2016 9:01 PM

28. OneNote creates a Drawing Canvas, which is

a. a container for shapes and lines.

b. a personal assistant.

c. a storyline for interactive video content

d. .a teleprompter.

ANSWER:aPOINTS:1REFERENCES:Syncing a Notebook to the Cloud
PA-2QUESTION TYPE:Multiple ChoiceHAS VARIABLES:FalseDATE CREATED:4/27/2016 3:07 PMDATE MODIFIED:4/27/2016 3:14 PM

29. Microsoft Sway utilizes Responsive Design, which means

a. the software responds to hackers and other threats responsively.

b. what you create becomes the exclusive property of Microsoft.

c. your content only works with Microsoft-approved products.

d. your content adapts perfectly to any screen size.

ANSWER:	d
POINTS:	1
REFERENCES:	Introduction to Sway PA-6
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 3:14 PM
DATE MODIFIED:	4/27/2016 3:16 PM

30. In Sway, each storyline can include

a. text, images, and videos.

b. databases, word-processor documents, and spreadsheets.

c. games, productivity apps, and home-office applications.

d. other Sways.

ANSWER: a POINTS: 1 REFERENCES: Creating a Sway presentation PA-6

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QUESTION TYPE: Multiple Choice HAS VARIABLES: False DATE CREATED: 4/27/2016 3:16 PM DATE MODIFIED: 4/27/2016 3:20 PM

31. To add content to Sway from search results, you

a. purchase varying data plans from Microsoft.

b. left-click on the content once.

c. drag the content right into Sway.

d. press ALT-F4.

ANSWER:cPOINTS:1REFERENCES:Adding Content to Build a Story
PA-7QUESTION TYPE:Multiple ChoiceHAS VARIABLES:FalseDATE CREATED:4/27/2016 3:20 PMDATE MODIFIED:4/27/2016 3:23 PM

32. To share a presentation through Office Mix,

a. users hold up their devices so that others can look at it.

b. Presentations cannot be shared through Office Mix.

c. a data projector is required.

d. a link is shared with friends and colleagues.

ANSWER:	d
POINTS:	1
REFERENCES:	Sharing an office Mix Presentation PA-12
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 3:23 PM
DATE MODIFIED:	4/27/2016 3:24 PM

33. In Office Mix, the Slide Notes feature works as a ______, to help you focus on your content instead of memorizing a presentation.

a. digital assistant

b. TelePrompTer

c. calculator

d. spreadsheet

ANSWER: a POINTS: 1 REFERENCES: Capturing Video Clips PA-11

Name:

Productivity App: Productivity Apps for School and Work

QUESTION TYPE:Multiple ChoiceHAS VARIABLES:FalseDATE CREATED:4/27/2016 3:25 PMDATE MODIFIED:4/27/2016 3:26 PM

34. In a Screen Recording, Office Mix

a. often crashes any computer running it.

b. offers helpful suggestions to search queries.

c. filters out any spam that may distract a user from a presentation.

d. captures everything that happens in a selected part of the screen, to be added to a presentation.

ANSWER:	d
POINTS:	1
REFERENCES:	Capturing Video Clips PA-11
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 3:27 PM
DATE MODIFIED:	4/27/2016 3:28 PM

35. To share an Office Mix presentation,

a. let a friend or colleage take a picture of it.

b. upload it to your personal Office Mix dashboard.

c. send the device via snail mail to whomever you want to present it to.

d. sharing Office Mix presentations is currently unavailable.

ANSWER:	b
POINTS:	1
REFERENCES:	Sharing an Office Mix Presentation PA-12
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:25 PM
DATE MODIFIED:	4/27/2016 5:25 PM

36. Microsoft Edge

a. has been discontinued in favor of an enhanced version of Internet Explorer.

b. is a cutting-edge word processing program.

c. is the default web browser for Windows 10, designed to replace Internet Explorer.

d. allows users to make high quality presentations to friends or colleagues.

ANSWER:

POINTS: 1

REFERENCES: Introduction to Microsoft Edge

PA-14

QUESTION TYPE: Multiple Choice

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с

HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:26 PM
DATE MODIFIED:	4/27/2016 5:28 PM
37. Consider the Hub a. similar to usin	in Microsoft Edge as g Office Mix.
b. a complete rep	blacement for Microsoft Office.
c. a nuisance, to	be ignored at all costs.
d one-stop acces	s to all the things you collect on the Web
ANSWER [.]	d
POINTS	1
REFERENCES:	Browsing the Web with Microsoft Edge PA-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:28 PM
DATE MODIFIED:	4/27/2016 5:29 PM
-	
38. When Cortana is	on in Microsoft Edge, it acts as a(n)
a. personal assist	ant.
b. template to dra	aw on a web page with.
c. array of tools t	to make quality presentations.
d. place to store t	text, images, and videos.
ANSWER:	а
POINTS:	1
REFERENCES:	Locating Information with Cortana PA-14
QUESTION TYPE:	Multiple Choice
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:30 PM
DATE MODIFIED:	4/27/2016 5:39 PM
39. Microsoft OneNoa. notebooksb. binders	te replaces physical,, and with a searchable, digital notebook.
c. paper notes	
d. computers	
ANSWER:	a, b, c
POINTS:	1
REFERENCES:	Introduction to OneNote 2016 PA-2
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False

DATE CREATED:4/27/2016 5:39 PMDATE MODIFIED:4/27/2016 5:45 PM

40. OneNote captures your ideas and schoolwork on any device so you can _____, ____, and _____.

- a. stay organized
- b. share notes
- c. work with others on projects

d. let others do your work for you.

ANSWER:	a, b, c
POINTS:	1
REFERENCES:	Introduction to OneNote 2016 PA-2
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:43 PM
DATE MODIFIED:	4/27/2016 5:44 PM

41. Each OneNote notebook contains _____, and _____.

- a. sections
- b. pages
- c. other notebooks
- d. complete apps

ANSWER: a, b, c POINTS: 1

REFERENCES: Creating a OneNote Notebook

PA-2

QUESTION TYPE: Multiple Response HAS VARIABLES: False

DATE CREATED: 4/27/2016 5:45 PM DATE MODIFIED: 4/27/2016 5:45 PM

42. Sway lets you combine which of the following onto a Sway site that you can share and display on any device? (select all that apply)

a. text b. images c. videos d. social media ANSWER: a, b, c, d POINTS: 1 REFERENCES: Introduction to Sway PA-6 QUESTION TYPE: Multiple Response HAS VARIABLES: False

DATE CREATED: 4/27/2016 5:46 PM DATE MODIFIED: 4/27/2016 5:48 PM

- 43. With Sway, you can (select all that apply)
 - a. Drag content from the search results right into the Storyline.
 - b. specify the source of the media, so you can add Facebook or OneNote pictures and videos without leaving the app.
 - c. have your computer make Sways for you automatically.
 - d. legally use copyrighted material free of charge.

ANSWER:	a, b
POINTS:	1
REFERENCES:	Adding Content to Build a Story PA-7
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:48 PM
DATE MODIFIED:	4/27/2016 5:50 PM

44. In sharing a Sway site, you can (select all that apply)

- a. share a Sway with only yourself
- b. post the Sway on Docs.com.
- c. send friends a link to the Sway site

d. share a Sway site by way of social media, such as Facebook and Twitter.

ANSWER:	a, b, c, d
POINTS:	1
REFERENCES:	Sharing a Sway PA-8
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:50 PM
DATE MODIFIED:	4/27/2016 5:52 PM

- 45. Using Office Mix, you can (select all that apply)
 - a. record yourself on video.
 - b. capture still and moving images on your desktop.
 - c. insert interactive elements such as quizzes and live webpages directly into PowerPoint slides.
 - d. post presentations to OneDrive, but only one viewer at a time can watch them.

ANSWER:a, b, cPOINTS:1REFERENCES:Introduction to Office Mix
PA-10QUESTION TYPE:Multiple ResponseHAS VARIABLES:False

DATE CREATED: 4/27/2016 5:52 PM DATE MODIFIED: 4/27/2016 5:54 PM

46. Office Mix can support which types of user-created quizzes? (select all that apply)

a. short answer	
b. true/false	
c. multiple choice	
d. multiple respo	ise
ANSWER:	a, b, c, d
POINTS:	1
REFERENCES:	Inserting Quizzes, Live Webpages, and Apps PA-12
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:54 PM
DATE MODIFIED:	4/27/2016 5:56 PM

47. Office Mix will run on which types of operating systems/devices? (select all that apply)

a.	PCs	
b.	Macs	

c. iOS devices

d. Android devices

ANSWER: a, b, c, d POINTS: 1 REFERENCES: Sharing an Office Mix Presentation PA-12 QUESTION TYPE: Multiple Response HAS VARIABLES: False DATE CREATED: 4/27/2016 5:56 PM DATE MODIFIED: 4/27/2016 5:58 PM

48. Microsoft Edge allows users to _____, and _____. (select all that apply)

a. write on webpages

b. read webpages without advertisements and other distractions

c. search for information using a virtual personal assistant

d. work seamlessly in real time with colleagues worldwide

ANSWER:	a, b, c
POINTS:	1
REFERENCES:	Introduction to Microsoft Edge PA-14
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 5:58 PM

DATE MODIFIED: 4/27/2016 6:00 PM

49. When Cortana is turned on in Microsoft Edge, it can assist users with (select all that apply)

- a. defining words
- b. finding the weather
- c. suggesting coupons for shopping
- d. updating stock market information

ANSWER:	a, b, c, d
POINTS:	1
REFERENCES:	Locating Information with Cortana PA-14
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:00 PM
DATE MODIFIED:	4/27/2016 6:01 PM

- 50. Microsoft Edge allows users who want to annotate Web pages to (select all that apply)
 - a. insert typed notes
 - b. draw on the page with only a fingertip
 - c. copy a screen image
 - d. draw on the screen, but not save the page or the drawing

ANSWER:	a, b, c
POINTS:	1
REFERENCES:	Annotating Webpages PA-15
QUESTION TYPE:	Multiple Response
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:05 PM
DATE MODIFIED:	4/27/2016 6:08 PM

51. OneNote is	
ANSWER:	A note-taking app for your academic and professional life.
POINTS:	1
REFERENCES:	Introduction to OneNote 2016 PA-2
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:08 PM
DATE MODIFIED:	4/27/2016 6:10 PM

52. Links to companion Sways that teach you how to use OneNote can be found at		
ANSWER:	www.cengagebrain.com.	
POINTS:	1	
REFERENCES:	Creating a OneNote Notebook	

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	PA-2
QUESTION TYPE.	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:10 PM
DATE MODIFIED:	4/27/2016 6:11 PM
53. Beyond simple ty	ped notes, OneNote
ANSWER:	stores drawings, converts handwriting to searchable text and mathematical sketches to equations, and records audio and video.
POINTS:	1
REFERENCES:	Taking Notes PA-3
QUESTION TYPE.	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:12 PM
DATE MODIFIED:	4/27/2016 6:14 PM
54 TC 4 1 1	
	name sensitive material, you can
ANSWER.	password-protect some of an of the notebook so that only certain people can open it.
	Recording a Lecture
REFERENCES.	PA-4
QUESTION TYPE.	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:14 PM
DATE MODIFIED:	4/27/2016 6:17 PM
55. When you draw	on a page. OneNote creates a
ANSWER:	drawing canvas, which is a container for shapes and lines.
POINTS:	1
REFERENCES:	Taking Notes
	PA-3
QUESTION TYPE.	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:17 PM
DATE MODIFIED:	4/27/2016 6:18 PM
56 OneNote saves v	our notes
ANSWER:	every time you make a change in a notebook.
POINTS:	1
REFERENCES:	Syncing a Notebook to the Cloud PA-2
QUESTION TYPE.	Completion
HAS VARIABLES:	False

DATE CREATED: 4/27/2016 6:18 PM DATE MODIFIED: 4/27/2016 6:21 PM

57. A Sway site organizes text, images, and video into a _____.

ANSWER:responsive design, which means your content adapts perfectly to any screen size.POINTS:1REFERENCES:Introduction to Sway
PA-6QUESTION TYPE:CompletionHAS VARIABLES:FalseDATE CREATED:4/27/2016 6:22 PMDATE MODIFIED:4/27/2016 6:23 PM

58. You create a Sway by adding text and media content into a Storyline selection, or *ANSWER*: card

POINTS:	1
REFERENCES:	Creating a Sway Presentation PA-6
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:23 PM
DATE MODIFIED:	4/27/2016 6:24 PM

59. To add pictures, videos, or documents in a Sway, select a card in the left pane and ______.
ANSWER: select the Insert Content button.
POINTS: 1
REFERENCES: Creating a Sway Presentation PA-6
QUESTION TYPE: Completion
HAS VARIABLES: False
DATE CREATED: 4/27/2016 6:24 PM

DATE MODIFIED: 4/27/2016 6:25 PM

60. In Sway, use the Design button to display tools including ______.ANSWER:color palettes, font choices, animation emphasis effects, and style templates.POINTS:1REFERENCES:Designing a Sway
PA-8QUESTION TYPE:CompletionHAS VARIABLES:FalseDATE CREATED:4/27/2016 6:26 PMDATE MODIFIED:4/27/2016 6:27 PM

61. Use the _____ button to display your finished Sway presentation as a website.

Name:_____Class:_____Date:_____

Productivity App: Productivity Apps for School and Work

ANSWER:	Play
POINTS:	1
REFERENCES:	Publishing a Sway PA-8
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:27 PM
DATE MODIFIED:	4/27/2016 6:28 PM
62. As the author, you	u can edit a published Sway site by clicking the
ANSWER:	Edit button
POINTS:	1
REFERENCES:	Publishing a Sway PA-8
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:28 PM
DATE MODIFIED:	4/27/2016 6:30 PM
63. Office Mix is a	
ANSWER:	free PowerPoint add-in from Microsoft that adds features to PowerPoint.
POINTS:	1
REFERENCES:	Introduction to Office Mix PA-10
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:30 PM
DATE MODIFIED:	4/27/2016 6:31 PM
64. When you post a	finished presentation to OneDrive, Office Mix
ANSWER:	provides a link you can share with friends and colleagues.
POINTS:	1
REFERENCES:	Introduction to Office Mix PA-10
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:31 PM
DATE MODIFIED:	4/27/2016 6:33 PM
65. In Office Mix, a c	clip is
ANSWER:	a short segment of audio, such as music, or video.
POINTS:	1
REFERENCES:	Capturing Video Clips PA-11

QUESTION TYPE: Completion HAS VARIABLES: False DATE CREATED: 4/27/2016 6:33 PM DATE MODIFIED: 4/27/2016 6:34 PM

66. Office Mix creates video clips in two ways: ______.

by recording live action on a webcam and by capturing screen images and movements. ANSWER: POINTS: 1 REFERENCES: Capturing Video Clips PA-11 QUESTION TYPE: Completion HAS VARIABLES: False DATE CREATED: 4/27/2016 6:34 PM DATE MODIFIED: 4/27/2016 6:36 PM

67. To enhance and as	ssess audience understanding, make your slides interactive by using Office Mix to
ANSWER:	add quizzes, live webpages, and apps.
POINTS:	1
REFERENCES:	Inserting Quizzes, Live Webpages, and Apps PA-12
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:38 PM
DATE MODIFIED:	4/27/2016 6:40 PM
68. When you comple	ete your work with Office Mix,
ANSWER:	upload the presentation to your personal Office Mix dashboard.
POINTS:	1
REFERENCES:	Sharing an Office Mix Presentation PA-12
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:40 PM
DATE MODIFIED:	4/27/2016 6:41 PM
69. Microsoft Edge is	·
ANSWER:	the name of the new Web browser built into Windows 10.
POINTS:	1
REFERENCES:	Introduction to Microsoft Edge PA-14
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:41 PM
DATE MODIFIED:	4/27/2016 6:43 PM
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70. Microsoft Edge allows you to _____.

ANSWER: search the Web faster, take Web notes, read webpages without distractions, and get instant assistance from Cortana.
 POINTS: 1
 REFERENCES: Introduction to Microsoft Edge PA-14
 QUESTION TYPE: Completion

Class:

HAS VARIABLES: False

DATE CREATED: 4/27/2016 6:43 PM DATE MODIFIED: 4/27/2016 6:44 PM

71. Businesses started adopting Internet Explorer more than 20 years ago simply to view webpages. Today, Microsoft Edge has a different purpose: ______.

ANSWER:to promote interaction with the web and share its contents with colleagues.POINTS:1REFERENCES:Locating Information with Cortana
PA-14QUESTION TYPE:CompletionHAS VARIABLES:FalseDATE CREATED:4/27/2016 6:44 PMDATE MODIFIED:4/27/2016 6:46 PM

72. In Microsoft Edge, you can switch to Reading View, which _____

ANSWER:is available for most news and research sites, to eliminate distracting advertisements.POINTS:1REFERENCES:Browsing the Web with Microsoft Edge
PA-14QUESTION TYPE:CompletionHAS VARIABLES:FalseDATE CREATED:4/27/2016 6:46 PMDATE MODIFIED:4/27/2016 6:47 PM

73. Consider the Hub in Microsoft Edge as ______.
ANSWER: providing one-stop access to all the things you collect on the web.
POINTS: 1
REFERENCES: Browsing the Web with Microsoft Edge PA-14
QUESTION TYPE: Completion
HAS VARIABLES: False
DATE CREATED: 4/27/2016 6:47 PM
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Name:______ Class:_____ Date:_____

Productivity App: Productivity	Apps for School and Work

POINTS:	1
REFERENCES:	Annotating Webpages PA-15
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:49 PM
DATE MODIFIED:	4/27/2016 6:50 PM
75. You can share ink	ed pages with others using Microsoft Edge by
ANSWER:	using the Share Web Note button.
POINTS:	1
REFERENCES:	Annotating Webpages PA-15
QUESTION TYPE:	Completion
HAS VARIABLES:	False
DATE CREATED:	4/27/2016 6:50 PM
DATE MODIFIED:	4/27/2016 6:52 PM