

1.

SQLQuery1.sql - ac...AD\smtolive (200)* - X

```
/* Assignment 4 Simple SQL Queries- Sophia Toliver */

/* 1. (7) List all condos in building C, the date they were cleaned, and the full name of the staff who cleaned them in August. */

SELECT Condos.Condo# "Condos in Building C", DateCleaned "Date Cleaned in August", FName "First Name of What Housekeeper Cleaned", LName "Last Name"
FROM Cleaning, Housekeeping, Condos, Personnel
WHERE Cleaning.Condo# = Condos.Condo#
AND Housekeeping.HKID = Cleaning.HKID
AND Housekeeping.HKID = Personnel.PID
AND DateCleaned LIKE '2019-08%'
AND Bldg# = 'C';
```

100 %

Results Messages

	Condos in Building C	Date Cleaned in August	First Name of What Housekeeper Cleaned	Last Name
1	16	2019-08-17	Holly	Jackson
2	16	2019-08-17	Holly	Jackson
3	16	2019-08-17	Holly	Jackson
4	18	2019-08-10	Billie	Gabriel
5	18	2019-08-10	Billie	Gabriel
6	18	2019-08-10	Billie	Gabriel
7	18	2019-08-31	Billie	Gabriel
8	18	2019-08-31	Billie	Gabriel
9	18	2019-08-31	Billie	Gabriel
10	20	2019-08-17	Abby	Morrow
11	20	2019-08-17	Abby	Morrow
12	20	2019-08-17	Abby	Morrow

Query executed successfully. | acadsql17.asurite.ad.asu.ed... | ASUAD\smtolive (200) | FA19_CIS365_80184_smtolive... | 00:00:00 | 61 rows

SQLQuery1.sql - ac...AD\smtolive (200))

```
/* Assignment 4 Simple SQL Queries- Sophia Toliver */  
  
/* 2. (5) Display the activities reserved in June for more than 3 people. Include the activity description and label the output as Activities Reserved in June */  
  
SELECT Description "Activities Reserved in June"  
FROM Activities, Reservations  
WHERE Activities.AID = Reservations.AID  
AND NumberInParty > 3  
AND RDate LIKE '2019-06%';
```

100 %

Results Messages

Activities Reserved in June	
1	Spruce Saddle Loop
2	Upper Colorado River
3	Triple G Ranch
4	Welch Trail Ride
5	Westfield River Loop
6	Vail Village
7	Spruce Saddle Loop

Query executed successfully. | acadsql17.asurite.ad.asu.ed... | ASUAD\smtolive (200) | FA19_CIS365_80184_smtol... | 00:00:00 | 7 rows

2.

3.

The screenshot shows a SQL Server Enterprise Manager window with a query executed successfully. The query is designed to find guides whose certifications have expired within the last year. It uses a subquery to identify guides whose certification renewal dates fall between January 1st and December 31st of the previous year. The main query then calculates the number of days between the current date and the renewal date for these guides.

```
/* Assignment 4 Simple SQL Queries- Sophia Toliver */  
/* 3. (4) List all guides who have not renewed their certifications this year. Include ID, full name, and number of days overdue. */  
  
SELECT GID, FName, LName, CertRenewDate, DateDiff(day, CertRenewDate, getdate()) "Number of Days Overdue"  
FROM Personnel, Guides  
WHERE Personnel.PID = Guides.GID  
AND CertRenewDate BETWEEN '01-Jan-19' and '31-Dec-19';
```

The results are displayed in a table with the following data:

	GID	FName	LName	CertRenewDate	Number of Days Overdue
1	KS01	Susan	Kiley	2019-07-11	101
2	KS02	Sam	Kelly	2019-08-05	76
3	SL01	Lori	Stevens	2019-08-18	63

Query executed successfully. | acadsql17.asurite.ad.asu.ed... | ASUAD\smtolive (200) | FA19_CIS365_80184_smtolive... | 00:00:00 | 3 rows

SQLQuery1.sql - ac...AD\smtolive (200)*

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/* Assignment 4 Simple SQL Queries- Sophia Toliver */

/* 4. (6) Management needs the names of all guides who lead an activity with an expired certificate. Display the guide's full name, the certificate renew

SELECT FName "FName Of Who Led An Activity With Expired Cert", LName, CertRenewDate, RDate "Activity Date", Description "Activity Lead"
FROM Guides, Reservations, Activities, Personnel
WHERE Guides.GID = Reservations.GID
AND Activities.AID = Reservations.AID
AND Personnel.PID = Guides.GID
AND CertRenewDate BETWEEN '01-Jan-19' and '31-Dec-19';

```

100 %

Results Messages

	FName Of Who Led An Activity With Expired Cert	LName	CertRenewDate	Activity Date	Activity Lead
1	Sam	Kelly	2019-08-05	2019-05-19	Westfield River Loop
2	Sam	Kelly	2019-08-05	2019-07-14	Westfield River Loop
3	Sam	Kelly	2019-08-05	2019-06-06	Westfield River Loop
4	Lori	Stevens	2019-08-18	2019-06-10	Vail Village
5	Sam	Kelly	2019-08-05	2019-07-26	4 Eagle Ranch
6	Susan	Kiley	2019-07-11	2019-07-05	Arkansas River
7	Sam	Kelly	2019-08-05	2019-07-19	Westfield River Loop
8	Sam	Kelly	2019-08-05	2019-07-21	4 Eagle Ranch
9	Lori	Stevens	2019-08-18	2019-07-12	Vail Village
10	Sam	Kelly	2019-08-05	2019-08-22	4 Eagle Ranch
11	Lori	Stevens	2019-08-18	2019-08-02	Vail Village

Query executed successfully. | acadsq117.asurite.ad.asu.ed... | ASUAD\smtolive (200) | FA19_CIS365_80184_smtol... | 00:00:00 | 11 rows

4.

SQLQuery8.sql - ac...AD\smtolive (176))* SQLQuery4.sql - ac...AD\smtolive (210))* SQLQuery3.sql - ac...AD\smtolive (206))* SQLQuery2.sql - ac...UAD\smtolive (97))*

```

/* Assignment 4 Simple SQL Queries- Sophia Toliver */

/* 5. (8) We need the date and full names of all boys (children) who went rafting. List by family name within date. */

SELECT RDate, FName "Family Name", RFName "First Name", RLName "Last Name"
FROM Guests, Families, Reservations, Activities
WHERE Families.Guest# = Guests.Guest#
      AND Guests.Guest# = Reservations.Guest#
      AND Reservations.AID = Activities.AID
      AND Relationship = 'son'
      AND Type = 'Rafting'
      Order by RDate, FName;

```

100 %

Results Messages

	RDate	Family Name	First Name	Last Name
1	2019-05-19	Cooper	Curtis	Barnett
2	2019-05-19	Nate	Curtis	Barnett
3	2019-05-19	Zach	Curtis	Barnett
4	2019-06-14	Andy	Phil	Brown
5	2019-06-19	Kenny	Paul	Benson
6	2019-06-25	Miles	Jack	Chapman
7	2019-06-25	Tyler	Jack	Chapman
8	2019-07-02	Billy	Kyle	Ocean
9	2019-07-02	Jarod	Bess	Geoff
10	2019-07-02	Tim	Bess	Geoff
11	2019-07-02	Tony	Kyle	Ocean
12	2019-07-05	Brody	Mike	Gamaulski

5. Query executed successfully. | acadsql17.asurite.ad.asu.ed... | ASUAD\smtolive (176) | FA19_CIS365_80184_smtol... | 00:00:00 | 23 rows

SQLQuery3.sql - ac...AD\smtolive (232))* SQLQuery1.sql - ac...AD\smtolive (200))*

```
/* Assignment 4 Simple SQL Queries- Sophia Toliver */  
  
/* 6. (4) How many rafting trips were taken this year? Label the output, Rafting Trips. */  
  
SELECT Count(Type) "Rafting Trips"  
FROM Activities, Reservations  
WHERE Activities.AID = Reservations.AID  
AND Type = 'Rafting'  
AND Rdate BETWEEN '01-Jan-19' and '31-Dec-2019';
```

100 %

Results Messages

Rafting Trips	
1	17

Query executed successfully. acadsq17.asurite.ad.asu.ed... ASUAD\smtolive (232) FA19_CIS365_80184_smt... 00:00:00 | 1 rows

6.

SQLQuery1.sql - ac...AD\smtolive (304)* - X

```
/* Assignment 4 Simple SQL Queries- Sophia Toliver */  
  
/* 9. (4) What is the most number of days, the least number of days, and the average number of days our employees  
have been with the resort? Label all columns Most Days Employed, Least Days Employed and Average Days  
Employed. */  
  
SELECT MAX(DateDiff (day, HireDate, getdate())) "Most Days Employed", MIN(DateDiff (day, HireDate, getdate())) "Least Days Employed", AVG(DateDiff (day,  
FROM Personnel;
```

100 %

Results Messages

	Most Days Employed	Least Days Employed	Average Days Employed
1	2842	1627	2270

Query executed successfully. | acadsql17.asurite.ad.asu.ed... | ASUAD\smtolive (304) | FA19_CIS365_80184_smtol... | 00:00:00 | 1 rows

9.

SQLQuery2.sql - ac...UAD\smtoive (97)* SQLQuery1.sql - ac...AD\smtoive (304)*

/* Assignment 4 Simple SQL Queries- Sophia Toliver */

/* 11. (4) Management wants a list of first and last names of all employees and the number of months they've been with the company (Months Employed). List the newest employees first. */

```
SELECT FName, LName, DateDiff(month, HireDate, getdate()) "Months Employed"
FROM Personnel
ORDER BY [Months Employed];
```

100 %

Results Messages

	FName	LName	Months Employed
1	Billie	Gabriel	53
2	Sonny	Kingman	63
3	Gayle	Unser	63
4	Lori	Stevens	64
5	Pam	Jeffreys	64
6	Fran	Henderson	64
7	Hal	Rowan	65
8	Ray	Marston	73
9	Sarah	Elliot	73
10	Sam	Kelly	76
11	Crystal	Mars	76
12	Melba	Toussaint	76

Query executed successfully. | acadsql17.asurite.ad.asu.ed... | ASUAD\smtoive (97) | FA19_CIS365_80184_smt... | 00:00:00 | 20 rows

11.

SQLQuery4.sql - ac...AD\smtolive (210))* SQLQuery3.sql - ac...AD\smtolive (206))* SQLQuery2.sql - ac...UAD\smtolive (97))* SQLQuery1.sql - ac...AD\smtolive (304))*

/* Assignment 4 Simple SQL Queries- Sophia Toliver */

/* 14. (3) The guests in condo A105 want to reserve an activity but lost the activities brochure that was provided in their condo. They remembered that Eagle was in the description, but cannot recall anything else. List the information for all specified activities for the guests so that they can make their plans */

```
SELECT AID "Activity ID", Description, Hrs, PPP "Price Per Person", Distance, Type
FROM Activities
WHERE Description LIKE '%Eagle%';
```

100 %

Results Messages

	Activity ID	Description	Hrs	Price Per Person	Distance	Type
1	B5	Eagle Valley	2	10.00	9	Bike
2	H1	Eagle Falls	4	15.00	5	Hike
3	HB1	4 Eagle Ranch	4	30.00	10	HorseBack
4	R5	Eagle River	4	25.00	20	Rafting

14. Query executed successfully. acadsql17.asurite.ad.asu.ed... ASUAD\smtolive (210) FA19_CIS365_80184_smtol... 00:00:00 4 rows

SQLQuery4.sql - ac...AD\smtolive (210))* SQLQuery3.sql - ac...AD\smtolive (206)* SQLQuery2.sql - ac...UAD\smtolive (97))* SQLQuery1.sql - ac...AD\smtolive (304))*

/* Assignment 4 Simple SQL Queries- Sophia Toliver */

/* 15. (5) One of our guests left their tablet in condo 6 on June 8th (checkout). it can be returned. Look up the full name, spouse's name, and phone number. Maybe we can catch them before they leave the area. */

```
SELECT RFName "First Name", RLName "Last Name", SpouseFName "Spouse Name", Phone
FROM CondoStays, Guests
WHERE CondoStays.Guest# = Guests.Guest#
AND EndDate = '08-JUN-19'
AND Condo# = 6;
```

100 %

Results Messages

	First Name	Last Name	Spouse Name	Phone
1	Karen	Caron	Brick	541-555-3778

Query executed successfully. | acadsql17.asurite.ad.asu.ed... | ASUAD\smtolive (210) | FA19_CIS365_80184_smtol... | 00:00:00 | 1 rows

15.

SQLQuery4.sql - ac...AD\smtolive (210))* X SQLQuery3.sql - ac...AD\smtolive (206))* SQLQuery2.sql - ac...UAD\smtolive (97))* SQLQuery1.sql - ac...AD\smtolive (304))*

```
/* Assignment 4 Simple SQL Queries- Sophia Toliver */  
  
/* 16. (4) Which employees have guided reservations for more than 5 people? Include the guide's full name. */  
  
SELECT FName "Employee Who Has Guided > 5 People", LName "Last Name"  
FROM Personnel, Guides, Reservations  
WHERE Personnel.PID = Guides.GID  
AND Guides.GID = Reservations.GID  
AND NumberInParty > 5;
```

100 %

Results Messages

	Employee Who Has Guided > 5 People	Last Name
1	Harley	Devon
2	Sam	Kelly
3	Zach	Gregory
4	Sam	Kelly
5	Sonny	Kingman
6	Gayle	Unser
7	Rita	Boyers
8	Sonny	Kingman

Query executed successfully. acadsql17.asurite.ad.asu.ed... ASUAD\smtolive (210) FA19_CIS365_80184_smtolive... 00:00:00 8 rows

16.

17.

SQLQuery8.sql - ac...AD\smtolive (176)* SQLQuery4.sql - ac...AD\smtolive (210)* SQLQuery3.sql - ac...AD\smtolive (206)* SQLQuery2.sql - ac...UAD\smtolive (97)*

```

/* Assignment 4 Simple SQL Queries- Sophia Toliver */

/* 17. (11) For all activities completed in June, display the name of the activity (Activity), the guide's last name (Guide), the
guest's last name (Guest), and the building and unit number where the guest stayed. List by activity. */

SELECT Description "Activities Completed in June", LName "Guide", RName "Guest", Bldg# "Building Number Stayed In", UnitNum, RDate
FROM Personnel, Guides, Activities, Reservations, Guests, Condostays, Condos
WHERE Personnel.PID = Guides.GID
AND Guides.GID = Reservations.GID
AND Activities.AID = Reservations.AID
AND Guests.Guest# = Reservations.Guest#
AND Guests.Guest# = Condostays.Guest#
AND Condos.Condo# = Condostays.Condo#
AND RDate LIKE '2019-06%'
ORDER BY Description;

```

100 %

Results Messages

	Activities Completed in June	Guide	Guest	Building Number Stayed In	UnitNum	RDate
1	Rancho Del Rio	Mars	Brown	A	301	2019-06-14
2	Rancho Del Rio	Mars	Brown	C	103	2019-06-14
3	Rancho Del Rio	Mars	Brown	C	103	2019-06-14
4	Rancho Del Rio	Mars	Brown	C	202	2019-06-14
5	Rancho Del Rio	Mars	Brown	C	202	2019-06-14
6	Spruce Saddle Loop	Devon	Rufalo	C	102	2019-06-23
7	Spruce Saddle Loop	Devon	Rufalo	C	102	2019-06-23
8	Spruce Saddle Loop	Devon	Rufalo	A	104	2019-06-23
9	Spruce Saddle Loop	Devon	Rufalo	A	104	2019-06-23
10	Spruce Saddle Loop	Devon	Jones	A	105	2019-06-10
11	Spruce Saddle Loop	Devon	Jones	A	105	2019-06-10
12	Spruce Saddle Loop	Devon	Rufalo	A	101	2019-06-23

Query executed successfully. acadsq17.asurite.ad.asu.ed... ASUAD\smtolive (210) FA19_CIS365_80184_smtolive... 00:00:00 37 rows