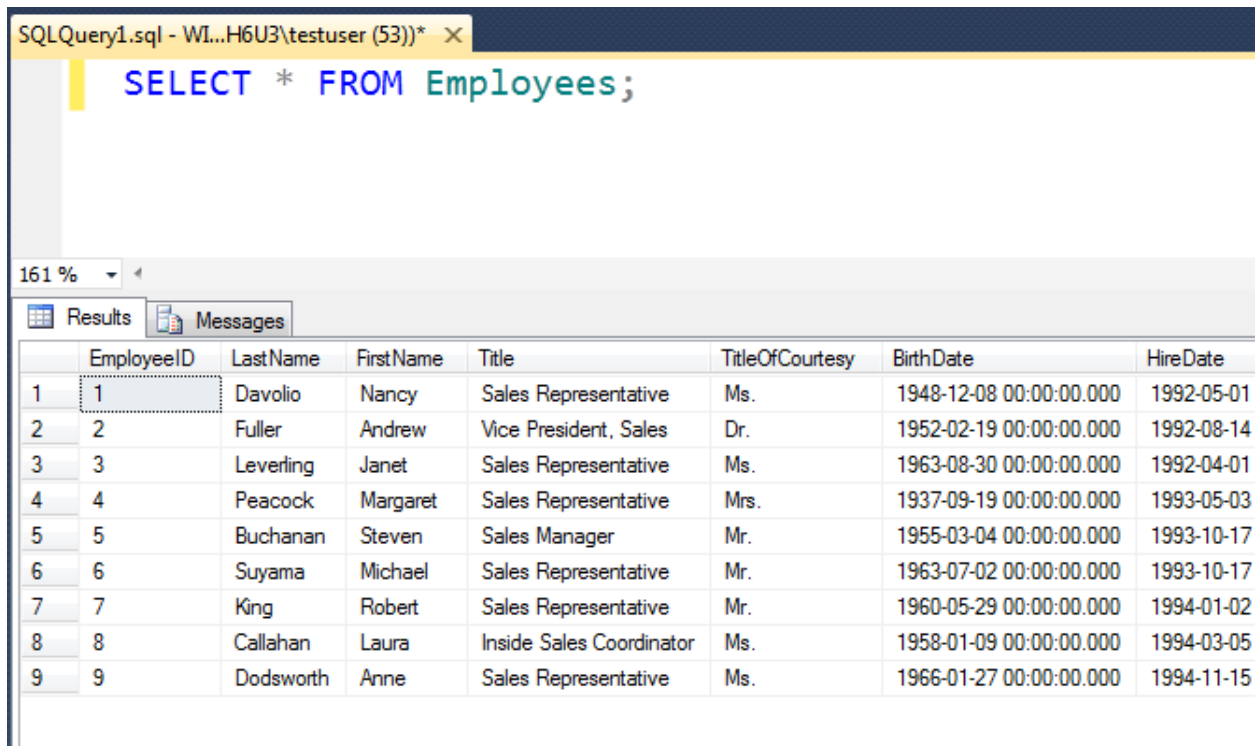Iyad Shobaki
FALL 2018 Microsoft SQL Server Database (CPD222)
Professor Shanda-lyn Yaeger
T-SQL Lab, Week 2 assignment
September 3, 2018

1. Write a statement to select all data from the employees table in the Northwind database.

   Q)
   ```
   SELECT *
   FROM Employees
   ```

SQLQuery1.sql - WI...H6U3\testuser (53))* ✕

```
SELECT * FROM Employees;
```

161 %

Results | Messages

	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate
1	1	Davolio	Nancy	Sales Representative	Ms.	1948-12-08 00:00:00.000	1992-05-01
2	2	Fuller	Andrew	Vice President, Sales	Dr.	1952-02-19 00:00:00.000	1992-08-14
3	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01
4	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03
5	5	Buchanan	Steven	Sales Manager	Mr.	1955-03-04 00:00:00.000	1993-10-17
6	6	Suyama	Michael	Sales Representative	Mr.	1963-07-02 00:00:00.000	1993-10-17
7	7	King	Robert	Sales Representative	Mr.	1960-05-29 00:00:00.000	1994-01-02
8	8	Callahan	Laura	Inside Sales Coordinator	Ms.	1958-01-09 00:00:00.000	1994-03-05
9	9	Dodsworth	Anne	Sales Representative	Ms.	1966-01-27 00:00:00.000	1994-11-15

2. Modify the query written for #1 above to only include Sales Representatives.

Q)

```sql
SELECT *
FROM Employees
WHERE Title = 'Sales Representative';
```

SQLQuery1.sql - WI...H6U3\testuser (53))* ×

```sql
SELECT * FROM Employees WHERE Title = 'Sales Representative';
```

161 %

Results   Messages

	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City	Region	P
1	1	Davolio	Nancy	Sales Representative	Ms.	1948-12-08 00:00:00.000	1992-05-01 00:00:00.000	507 - 20th Ave. E. Apt. 2A	Seattle	WA	S
2	3	Leverling	Janet	Sales Representative	Ms.	1963-08-30 00:00:00.000	1992-04-01 00:00:00.000	722 Moss Bay Blvd.	Kirkland	WA	S
3	4	Peacock	Margaret	Sales Representative	Mrs.	1937-09-19 00:00:00.000	1993-05-03 00:00:00.000	4110 Old Redmond Rd.	Redmond	WA	S
4	6	Suyama	Michael	Sales Representative	Mr.	1963-07-02 00:00:00.000	1993-10-17 00:00:00.000	Coventry House Miner Rd.	London	NULL	E
5	7	King	Robert	Sales Representative	Mr.	1960-05-29 00:00:00.000	1994-01-02 00:00:00.000	Edgeham Hollow Winchester Way	London	NULL	F
6	9	Dodsworth	Anne	Sales Representative	Ms.	1966-01-27 00:00:00.000	1994-11-15 00:00:00.000	7 Houndstooth Rd.	London	NULL	V

3. Insert a new employee into the employees table with the following information:

Q)

```
INSERT INTO
Employees(LastName,FirstName,Title,TitleOfCourtesy,BirthDate,HireDate,Addre
ss,City,Region,PostalCode,Country,Extension,Notes,ReportsTo)VALUES('Smith',
'Janet','Sales Manager','Mrs','12-30-1974','08-05-2000','123 My
Street','Canton','OH','44720','USA','4632',' MBA from Ashland
University',2);
```

SQLQuery1.sql - WI...H6U3\testuser (53))* ×

```
INSERT INTO Employees(LastName,FirstName,Title,TitleOfCourtesy,BirthDate,HireDate,Address,City,Region,PostalCode,Country,Extension,Notes,ReportsTo)VALUES
('Smith','Janet','Sales Manager','Mrs','12-30-1974','08-05-2000','123 My Street','Canton','OH','44720','USA','4632',' MBA from Ashland University',2);
```
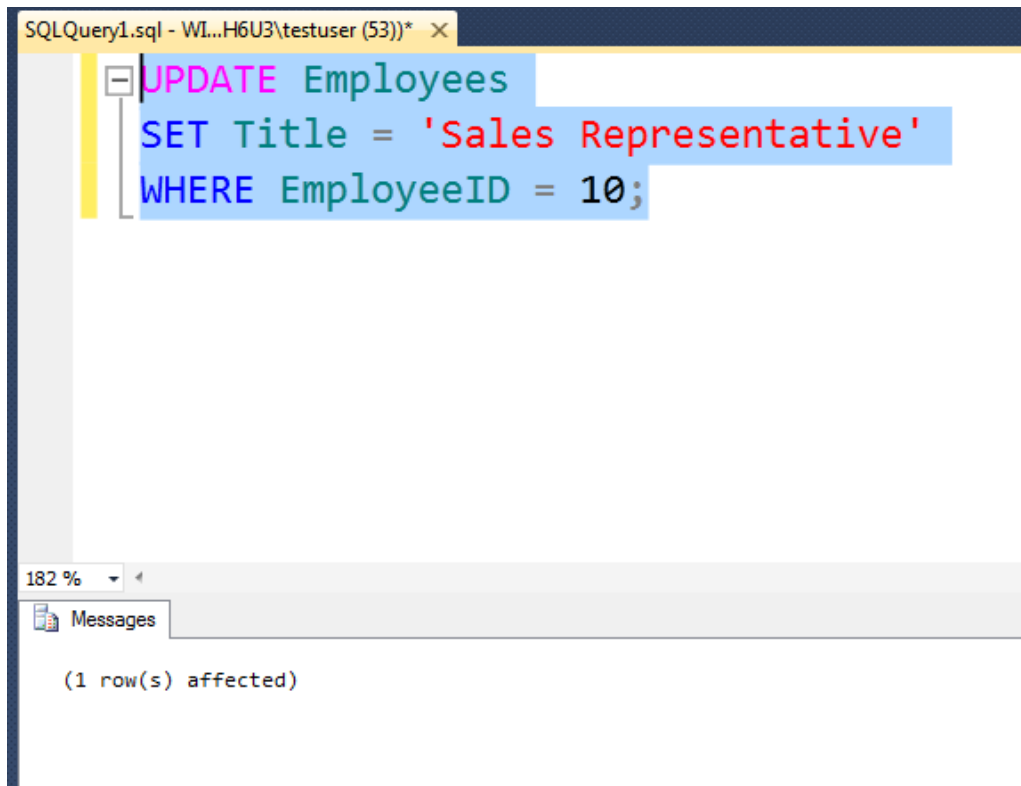
124 %

Messages

(1 row(s) affected)

SQLQuery1.sql - WI...H6U3\testuser (53))* ×

```
SELECT * FROM Employees WHERE LastName = 'Smith'
```

182 %

Results   Messages

EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City	Region	PostalCode	Country	HomePhone	Extension	Photo	Notes	ReportsTo	PhotoPath
1	10	Smith	Janet	Sales Manager	Mrs	1974-12-30 00:00:00.000	2000-08-05 00:00:00.000	123 My Street	Canton	OH	44720	USA	NULL	4632	NULL	MBA from Ashland University	2	NULL

4. Update the new row you just inserted and change the title to 'Sales Representative'.

Q)

```
UPDATE Employees
SET Title = 'Sales Representative'
WHERE EmployeeID = 10;
```
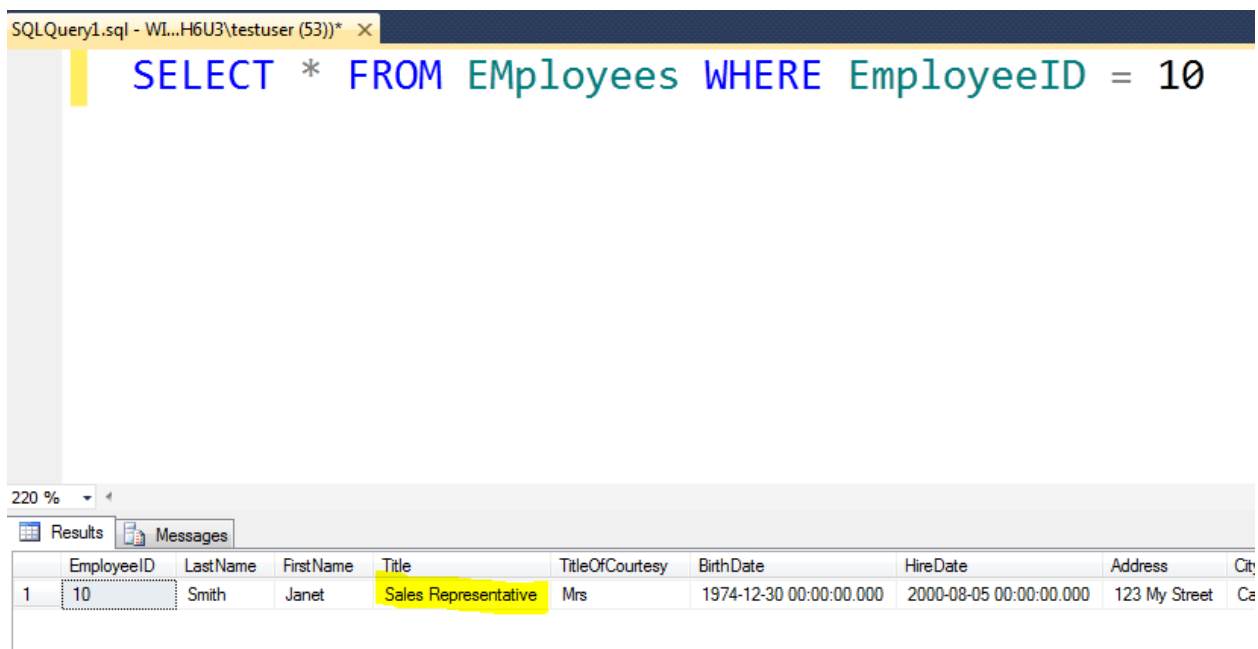
SQLQuery1.sql - WI...H6U3\testuser (53))* ×

```
UPDATE Employees
SET Title = 'Sales Representative'
WHERE EmployeeID = 10;
```

182 %

Messages

(1 row(s) affected)

SQLQuery1.sql - WI...H6U3\testuser (53))* ×

```
SELECT * FROM EMployees WHERE EmployeeID = 10
```

220 %

Results   Messages

	EmployeeID	LastName	FirstName	Title	TitleOfCourtesy	BirthDate	HireDate	Address	City
1	10	Smith	Janet	Sales Representative	Mrs	1974-12-30 00:00:00.000	2000-08-05 00:00:00.000	123 My Street	Ca

PERFECT!!! Typically the ReportsTo value gets students on the INSERT. You are off to a great start! Very few get a 100% the first time on this.