

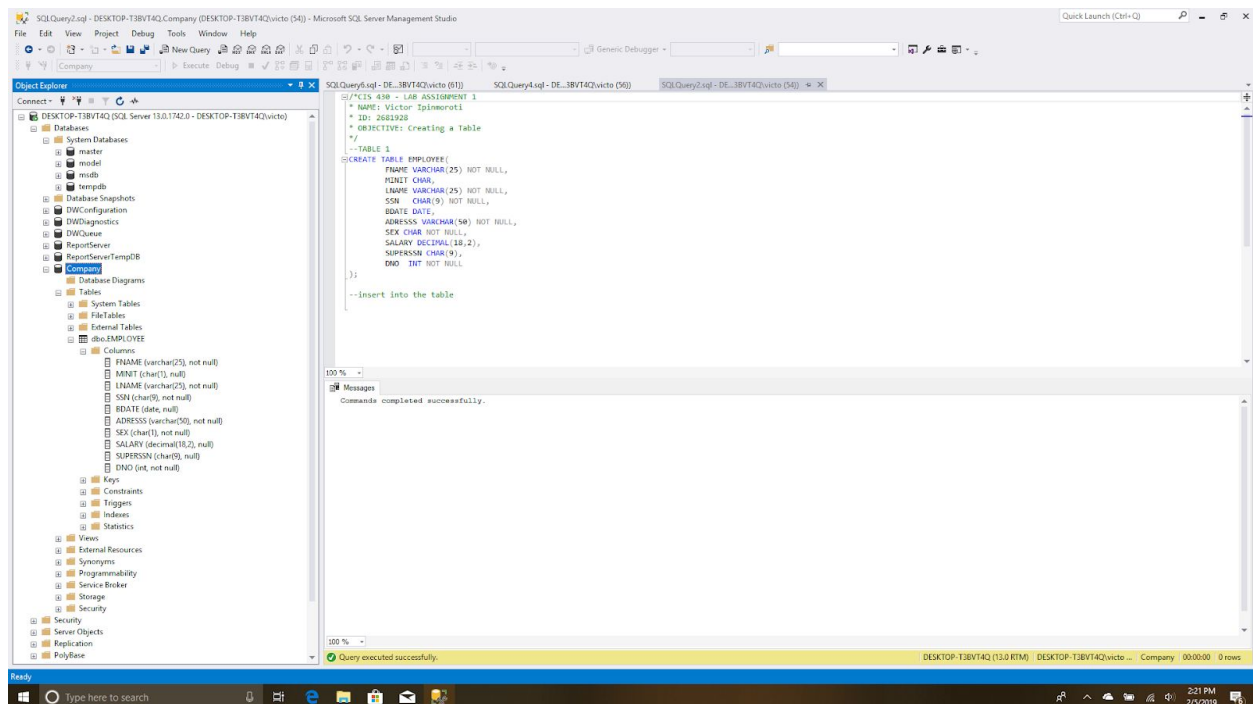
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CIS 430
Lab Assignment 1
Date: 2/5/2019

Objective: To create EMPLOYEE table and DEPARTMENT table

First sql commands

```
CREATE TABLE EMPLOYEE(  
  FNAME VARCHAR(25) NOT NULL,  
  MINIT CHAR,  
  LNAME VARCHAR(25) NOT NULL,  
  SSN CHAR(9) NOT NULL,  
  BDATE DATE,  
  ADRESSS VARCHAR(50) NOT NULL,  
  SEX CHAR NOT NULL,  
  SALARY DECIMAL(18,2),  
  SUPERSSN CHAR(9),  
  DNO INT NOT NULL  
);
```

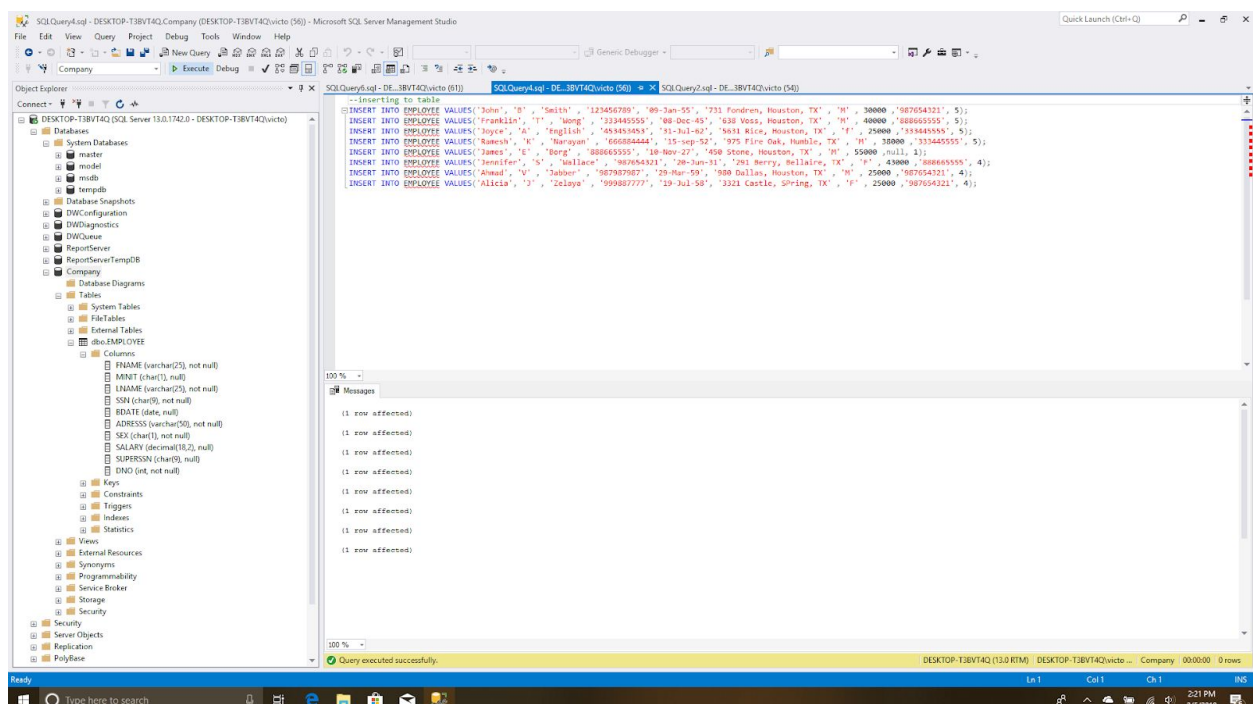
This is to create Employee table



Second sql command

```
INSERT INTO EMPLOYEE VALUES('John', 'B', 'Smith', '123456789', '09-Jan-55', '731  
Fondren, Houston, TX', 'M', 30000, '987654321', 5);  
INSERT INTO EMPLOYEE VALUES('Franklin', 'T', 'Wong', '333445555', '08-Dec-45', '638  
Voss, Houston, TX', 'M', 40000, '888665555', 5);  
INSERT INTO EMPLOYEE VALUES('Joyce', 'A', 'English', '453453453', '31-Jul-62', '5631  
Rice, Houston, TX', 'F', 25000, '333445555', 5);  
INSERT INTO EMPLOYEE VALUES('Ramesh', 'K', 'Narayan', '666884444', '15-sep-52',  
'975 Fire Oak, Humble, TX', 'M', 38000, '333445555', 5);  
INSERT INTO EMPLOYEE VALUES('James', 'E', 'Borg', '888665555', '10-Nov-27', '450  
Stone, Houston, TX', 'M', 55000, null, 1);  
INSERT INTO EMPLOYEE VALUES('Jennifer', 'S', 'Wallace', '987654321', '20-Jun-31', '291  
Berry, Bellaire, TX', 'F', 43000, '888665555', 4);  
INSERT INTO EMPLOYEE VALUES('Ahmad', 'V', 'Jabber', '987987987', '29-Mar-59', '980  
Dallas, Houston, TX', 'M', 25000, '987654321', 4);  
INSERT INTO EMPLOYEE VALUES('Alicia', 'J', 'Zelaya', '999887777', '19-Jul-58', '3321  
Castle, SPring, TX', 'F', 25000, '987654321', 4);
```

This to make record in the Employee table



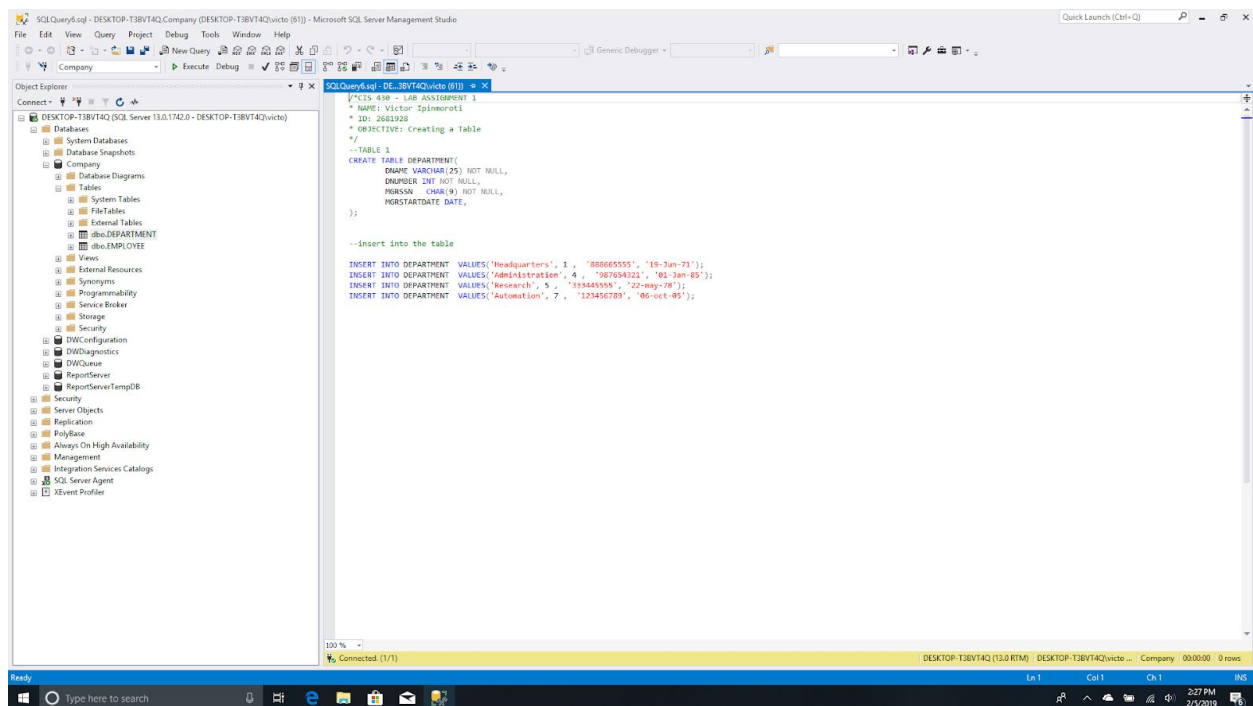
The third sql command
CREATE TABLE DEPARTMENT(

```
DNAME VARCHAR(25) NOT NULL,  
DNUMBER INT NOT NULL,  
MGRSSN CHAR(9) NOT NULL,  
MGRSTARTDATE DATE,  
);
```

--insert into the table

```
INSERT INTO DEPARTMENT VALUES('Headquarters', 1 , '888665555', '19-Jun-71');  
INSERT INTO DEPARTMENT VALUES('Administration', 4 , '987654321', '01-Jan-85');  
INSERT INTO DEPARTMENT VALUES('Research', 5 , '333445555', '22-may-78');  
INSERT INTO DEPARTMENT VALUES('Automation', 7 , '123456789', '06-oct-05');
```

Create and make record in the Department table



Finally to see created tables

```
select * from EMPLOYEE  
select * from DEPARTMENT
```

SQLQuery5.sql - DESKTOP-T3BVT4Q\Company (DESKTOP-T3BVT4Q\victo [63]) - Microsoft SQL Server Management Studio

File Edit View Project Debug Tools Window Help

Object Explorer

Connect to: DESKTOP-T3BVT4Q (SQL Server 13.0.1742.0 - DESKTOP-T3BVT4Q\victo)

Databases

- System Databases
- Database Snapshots
- Company
 - Database Diagrams
 - Tables
 - System Tables
 - View Tables
 - External Tables
 - dbo.DEPARTMENT
 - Columns
 - DNAME (varchar(25), not null)
 - DNUMBER (int, not null)
 - MGRSSN (char(9), not null)
 - MGRSTARTDATE (date, null)
 - Keys
 - Constraints
 - Triggers
 - Indexes
 - Statistics
 - dbo.EMPLOYEE
 - Columns
 - PNAME (varchar(25), not null)
 - MINT (char(1), null)
 - LNAME (varchar(25), not null)
 - SSN (char(9), not null)
 - EDATE (date, null)
 - ADDRESS (varchar(50), not null)
 - SEX (char(1), not null)
 - SALARY (decimal(12,2), null)
 - SUPERSSN (char(9), null)
 - DNO (int, not null)
 - Keys
 - Constraints
 - Triggers
 - Indexes
 - Statistics
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security
 - DWConfiguration
 - DWDiagnostics

SQLQuery5.sql - DESKTOP-T3BVT4Q\victo [63]

```
select * from EMPLOYEE
select * from DEPARTMENT
```

Results

	FNAM	MINT	LNAME	SSN	EDATE	ADDRESS	SEX	SALARY	SUPERSSN	DNO
1	John	B	Smith	123456789	1985-01-09	721 Forden, Houston, TX	M	30000.00	907654321	5
2	Franklin	T	Wong	333445555	2045-12-09	638 Voss, Houston, TX	M	40000.00	808665555	5
3	Joyce	A	English	454545453	1962-07-31	9631 Pines, Houston, TX	F	25000.00	333445555	5
4	Pamela	K	Newton	666544444	1952-09-15	975 Five Oak, Humble, TX	M	30000.00	333445555	5
5	James	E	Borg	888665555	2037-11-10	450 Stowe, Houston, TX	M	55000.00	NULL	1
6	Jennifer	S	Wallace	987654321	2031-06-20	291 Berry, Bellare, TX	F	43000.00	808665555	4
7	Ahmad	V	Jabbar	987678987	1959-02-29	980 Dallas, Houston, TX	M	25000.00	907654321	4
8	Nico	J	Zelaya	999887777	1959-07-19	3321 Castle, Spring, TX	F	25000.00	907654321	4

	DNAME	DNUMBER	MGRSSN	MGRSTARTDATE
1	Headquarters	1	888665555	1971-05-19
2	Administration	4	987654321	1985-01-01
3	Research	5	333445555	1978-05-22
4	Automation	7	123456789	2005-10-06

Query executed successfully.

DESKTOP-T3BVT4Q (13.0 RTM) | DESKTOP-T3BVT4Q\victo ... | Company | 00:00:00 | 12 rows

Ready

Type here to search

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