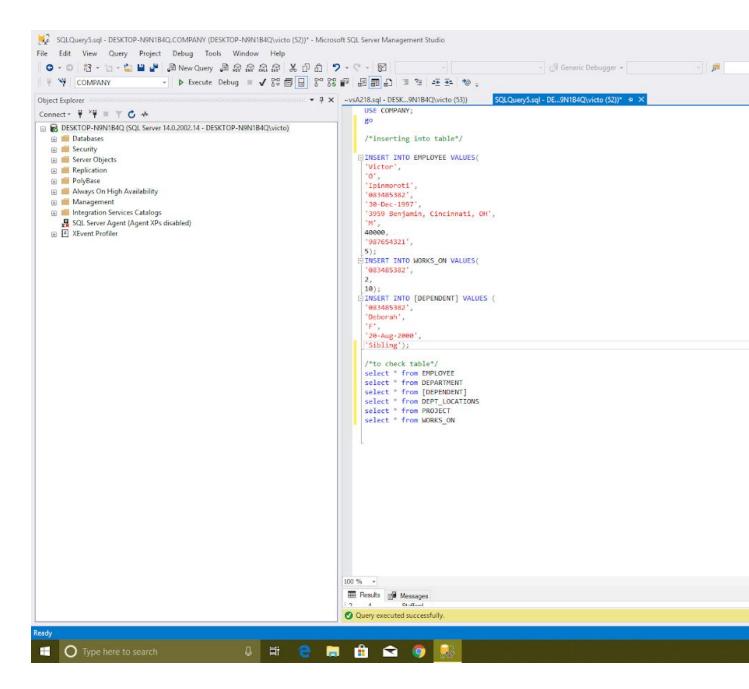
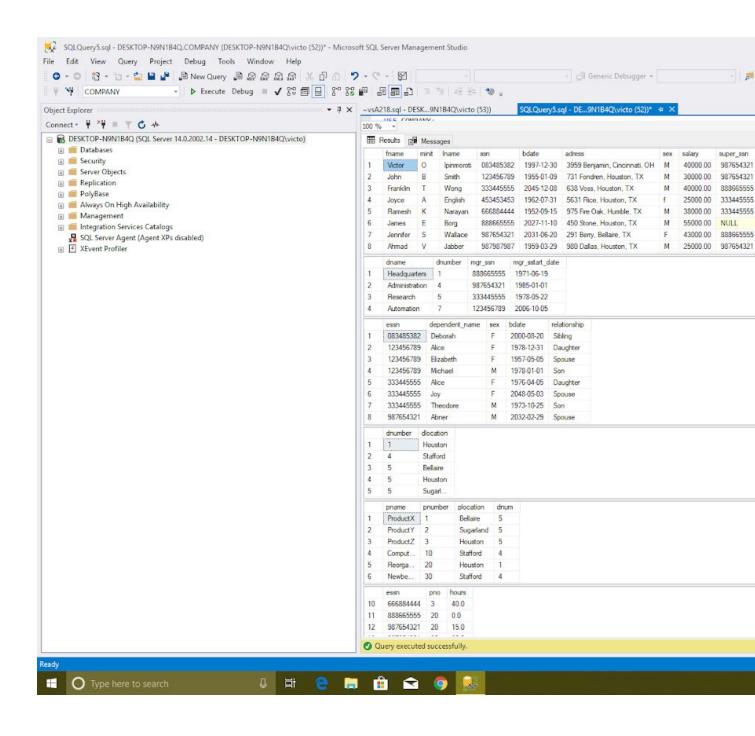
```
INSERT INTO EMPLOYEE VALUES(
'Victor',
'O',
'Ipinmoroti',
'083485382',
'30-Dec-1997',
'3959 Benjamin, Cincinnati, OH',
'Μ',
40000,
'987654321',
5);
INSERT INTO WORKS_ON VALUES(
'083485382',
2,
10);
INSERT INTO [DEPENDENT] VALUES (
'083485382',
'Deborah',
'F',
'20-Aug-2000',
'Sibling');
/*to check table*/
select * from EMPLOYEE
select * from DEPARTMENT
select * from [DEPENDENT]
select * from DEPT_LOCATIONS
select * from PROJECT
select * from WORKS_ON
```

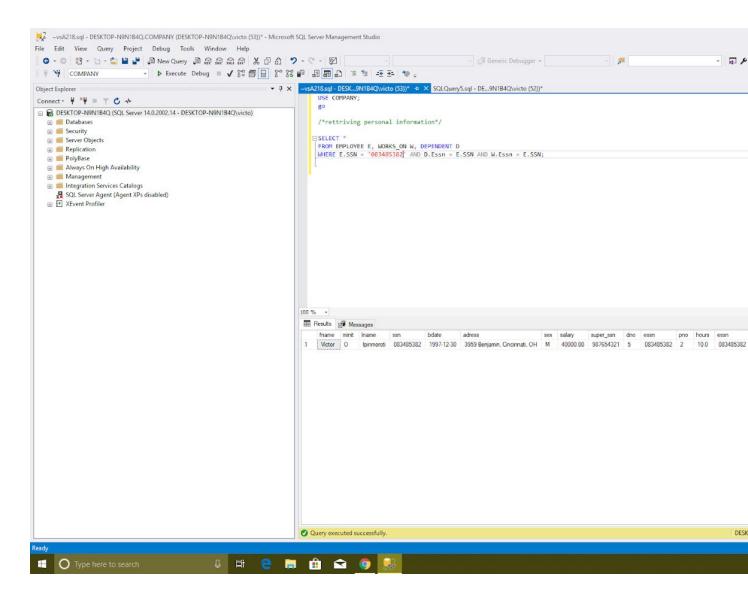


Then we use the select statement to see the table infromation



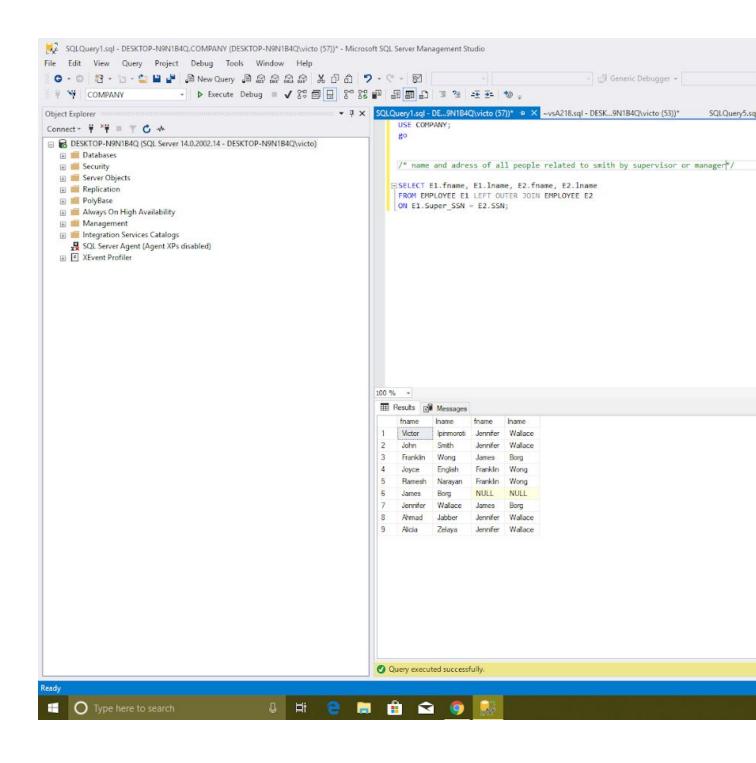
Next we retrieve the personal information we just entered

SELECT * FROM EMPLOYEE E, WORKS_ON W, DEPENDENT D WHERE E.SSN = '083485382' AND D.Essn = E.SSN AND W.Essn = E.SSN;



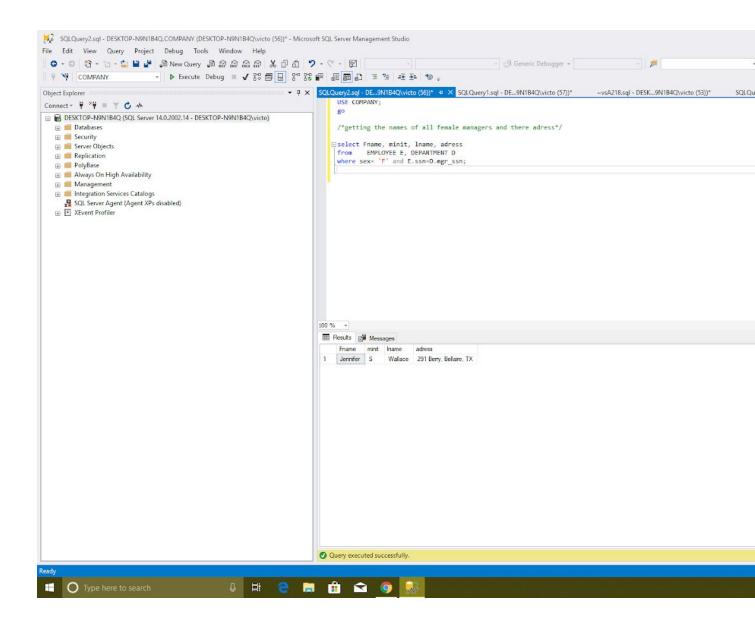
The we get the and address of all people related to smith in the company

SELECT P.Pnumber FROM PROJECT P WHERE P.Pnumber IN (SELECT P.Pnumber FROM PROJECT P, DEPARTMENT D, EMPLOYEE E WHERE D.mgr_SSN = E.SSN AND P.Dnum = D.Dnumber AND E.Lname = 'Smith') OR P.Pnumber IN (SELECT W.Pno FROM WORKS_ON W, EMPLOYEE E WHERE W.ESSN = E.SSN AND E.Lname = 'Smith');



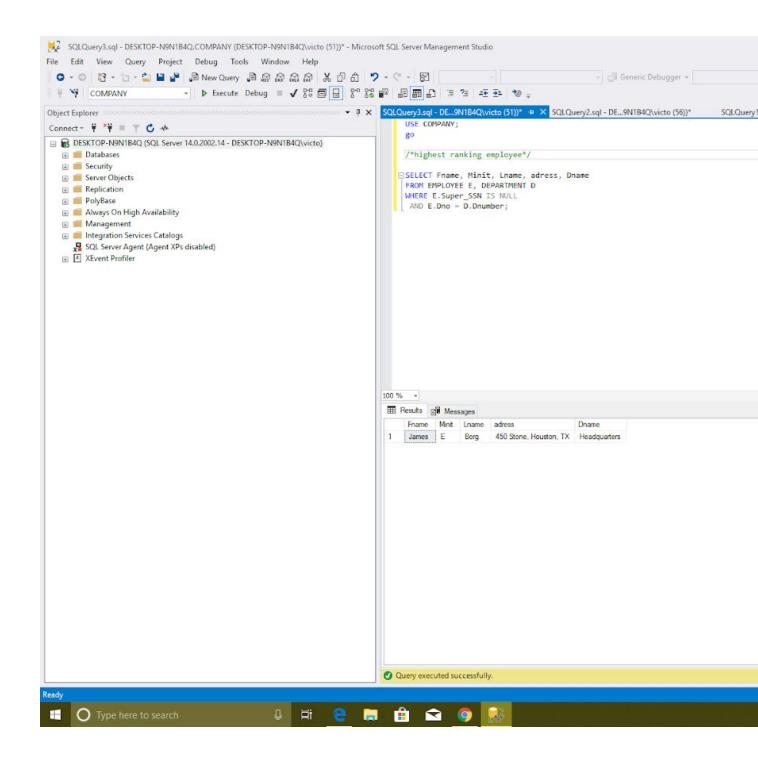
Then we get the names of all female managers

SELECT E1.fname, E1.Iname, E2.fname, E2.Iname FROM EMPLOYEE E1 LEFT OUTER JOIN EMPLOYEE E2 ON E1.Super_SSN = E2.SSN;



Now we get the highest ranking person

SELECT fname, minit, Iname, Address, Dname FROM EMPLOYEE E, DEPARTMENT D WHERE E.super_SSN IS NULL AND E.Dno = D.Dnumber;



Then we get first and last name of the employees with their supervisors.

SELECT D.Dnumber, D.DName, E.FNAME, E.LNAME, S.FNAME, S.LNAME FROM DEPARTMENT D, EMPLOYEE E, EMPLOYEE S Where D.Dnumber = E.Dno And E.super_ssn = S.SSN Order BY D.Dnumber, D.Dname;

