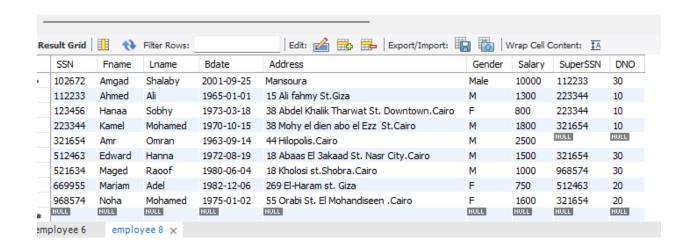
Firstly Data Manipulating Language:

1. Insert your personal data to the employee table as a new employee in department number 30, SSN = 102672, Superssn = 112233.

```
INSERT INTO employee (Fname,Lname,Bdate,Address,Gender,Salary,SSN,SuperSSN,DNO)
VALUES ('Amgad','Shalaby','2001-09-25','Mansoura','Male',10000,102672, 112233, 30);
select * from employee
```



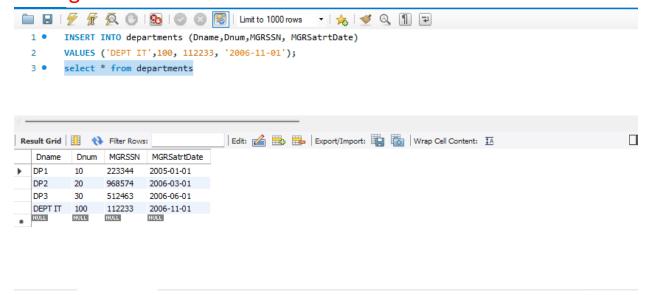
 Insert another employee with, personal data your friend as new employee in department number 30, SSN = 102660, but don't enter any value for salary or supervisor number to him.

```
INSERT INTO employee (Fname, Lname, Bdate, Address, Gender, SSN, DNO)
         VALUES ('Abdulrahman', 'Elhanafy', '2001-07-23', 'Mansoura', 'Male', 102660,30);
          select * from employee
| Edit: 🚄 🖶 | Export/Import: 🏣 🐻 | Wrap Cell Content: 🖽
                                                                                     Gender
                                                                                              Salary
   SSN
            Fname
                         Lname
                                   Bdate
                                               Address
                                                                                                     SuperSSN
                                                                                                                DNO
                                                                                             NULL
                                                                                                     NULL
   102660
           Abdulrahman
                        Elhanafy
                                   2001-07-23
                                              Mansoura
                                                                                     Male
                                                                                                                30
   102672 Amgad
                        Shalaby
                                   2001-09-25
                                              Mansoura
                                                                                     Male
                                                                                             10000
                                                                                                     112233
                                                                                                               30
   112233
                        Ali
                                                                                                     223344
           Ahmed
                                   1965-01-01
                                              15 Ali fahmy St. Giza
                                                                                             1300
                                                                                                                10
                        Sobhy
                                              38 Abdel Khalik Tharwat St. Downtown.Cairo
   123456 Hanaa
                                   1973-03-18
                                                                                             800
                                                                                                     223344
                                                                                                               10
   223344
                        Mohamed 1970-10-15
                                              38 Mohy el dien abo el Ezz St.Cairo
                                                                                                     321654
           Kamel
                                                                                             1800
                                                                                                               10
                                                                                                     NULL
                                                                                                               NULL
  321654 Amr
                        Omran
                                   1963-09-14
                                              44 Hilopolis, Cairo
                                                                                     М
                                                                                             2500
                                              18 Abaas El 3akaad St. Nasr City.Cairo
  512463 Edward
                                                                                             1500
                                                                                                     321654
                                                                                                               30
                        Hanna
                                   1972-08-19
                                              18 Kholosi st.Shobra.Cairo
                                                                                                     968574
                                                                                                               30
   521634 Maged
                        Raoof
                                   1980-06-04
                                                                                     М
                                                                                             1000
   669955 Mariam
                        Adel
                                   1982-12-06
                                              269 El-Haram st. Giza
                                                                                             750
                                                                                                     512463
                                                                                                               20
                        Mohamed
  968574
                                                                                             1600
                                                                                                     321654
           Noha
                                   1975-01-02
                                              55 Orabi St. El Mohandiseen .Cairo
                                                                                                               20
```

3. In the department table insert new department called "DEPT IT", with id 100, employee with SSN = 112233 as a manager for this department. The start date for this manager is '1-11-2006'

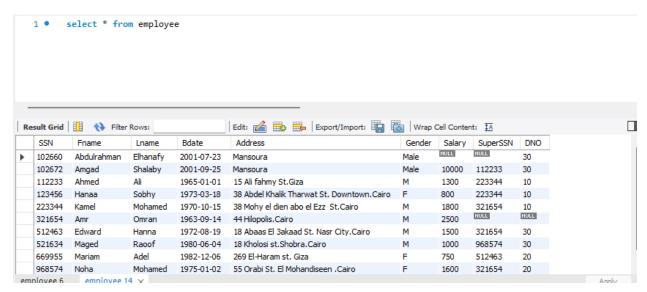
employee 6

employee 9 ×

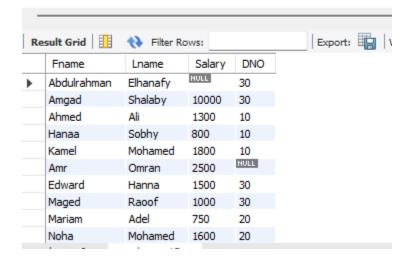


Secondly create the following Queries:

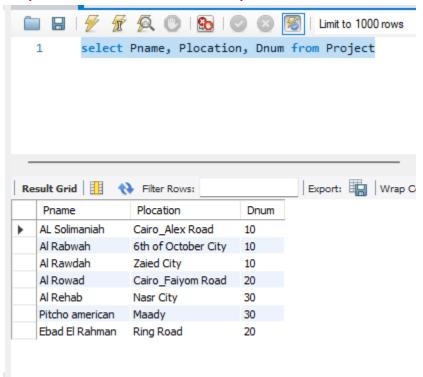
1. Display all the employees' data.



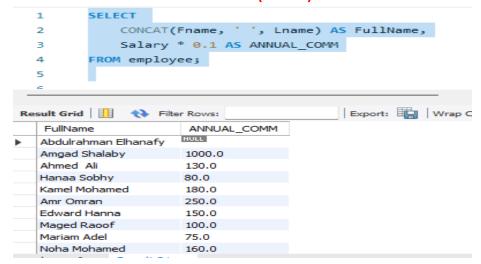
- 2. Display the employee First name, last name, Salary and Department number.
 - 1 select Fname, Lname, Salary, DNO from employee



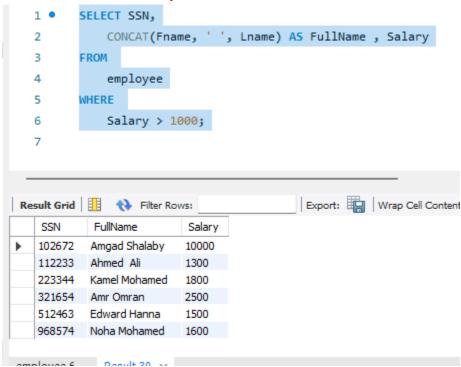
3. Display all the projects names, locations and the department which is responsible about it.



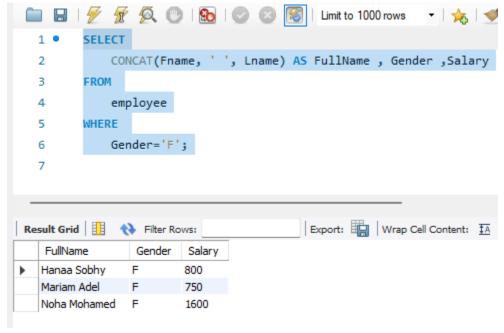
4. If you know that the company policy is to pay an annual commission for each employee with specific percent equals 10% of his/her annual salary. Display each employee full name and his annual commission in an ANNUAL COMM column (alias).



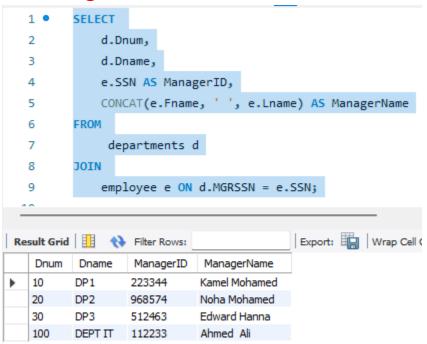
5. Display the employees Id, name who earns more than 10000 LE annually.



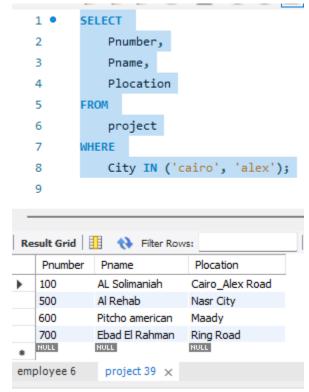
6. Display the names and salaries of the female employees



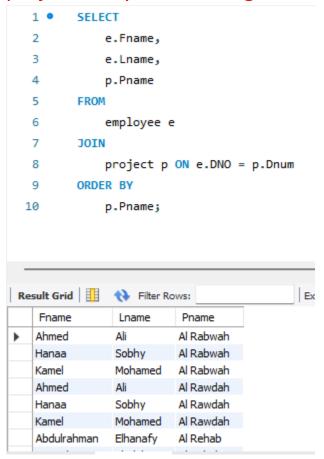
7. Display the Department id, name and id and the name of its manager.



8. Display the Id, name and location of the projects in Cairo or Alex city.



9. Retrieve the names of all employees and the names of the projects they are working on, sorted by the project name.



10. Find the names of the employees who directly supervised with Kamel Mohamed.

