**LAB 6**

**Name: Saad**

**Roll no. L1F19BSCS0549**

**Q1**

**Table 1**

**Query:**

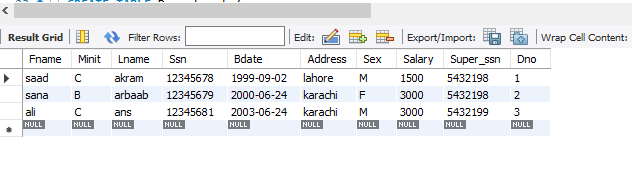
insert into Employees(Fname,Minit,Lname,Ssn,Bdate,Address,Sex,Salary,Super\_ssn,Dno)

values('saad','C','akram',12345678,'1999-09-02','lahore','M',1500,5432198,1),

('sana','B','arbaab',12345679,'2000-06-24','karachi','F',3000,5432198,2),

('ali','C','ans',12345681,'2003-06-24','karachi','M',3000,5432199,3);

**Screenshot**

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**TABLE 2**

**QUERY**

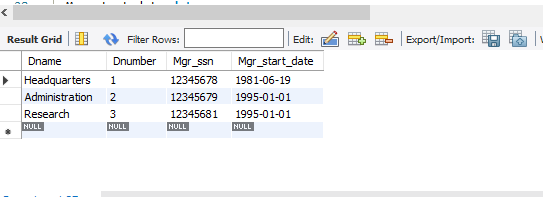
insert into Department(Dname,Dnumber,Mgr\_ssn,Mgr\_start\_date)

values('Headquarters',1,12345678,'1981-06-19'),

('Administration',2,12345679 ,'1995-01-01'),

('Research',3,12345681,'1995-01-01');

**Screenshot**

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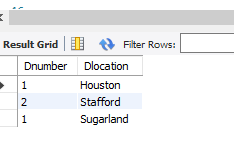
**TABLE 3**

**QUERY:**

insert into Dept\_Locations(Dnumber,Dlocation)

values(1,'Houston'),(2,'Stafford'),(1,'Sugarland');

**Screenshot**

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**TABLE4**

**Query**

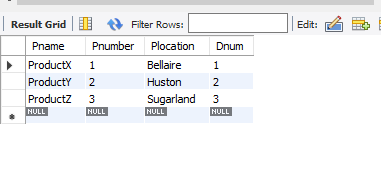
insert into project (Pname,Pnumber,Plocation,Dnum)

values('ProductX',1,'Bellaire',1),

('ProductY',2,'Huston',2),

('ProductZ',3,'Sugarland',3);

**Screenshot**



**TABLE5**

**Query**

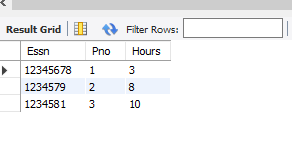
insert into Works\_on(Essn,Pno,Hours)

values(12345678,1,3),

(1234579,2,8),

(1234581,3,10);

**Screenshot**



**TABLE6**

**Query**

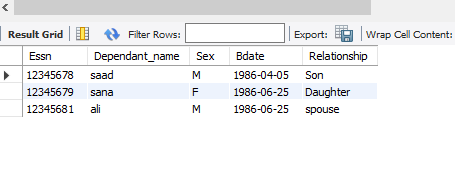
insert into Dependant (Essn,Dependant\_name,Sex,Bdate,Relationship)

values(12345678,'saad','M','1986-04-05','Son'),

(12345679,'sana','F','1986-06-25','Daughter'),

(12345681,'ali','M','1986-06-25','spouse');

**Screenshot**



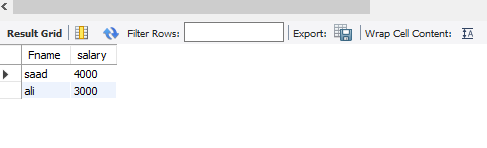
**Q2:**

**QUERY:**

select Fname,salary from Employees

where salary>=1000 and Employees.Sex='M';

**Screenshot**:



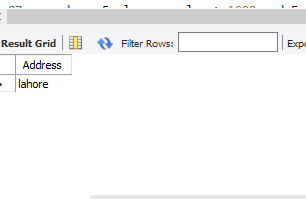
**Q2:**

**QUERY:**

select Address from Employees

where Employees.salary>=1000 and Employees.salary <=2000;

**Screenshot:**

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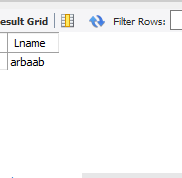
**Q4:**

**QUERY:**

select Lname from Employees

where Lname like 'A%B';

**Screenshot:**

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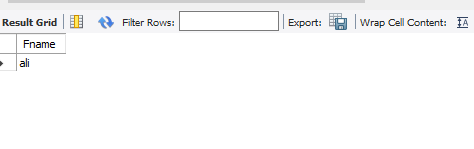
**Q5:**

**QUERY:**

select Fname from Employees

where Fname like 'A\_\_';

**Screenshot:**

****

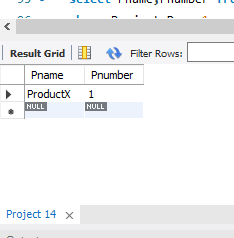
**Q6**

**QUERY:**

select Pname,Pnumber from Project

where Project.Dnum=1;

**Screenshot**

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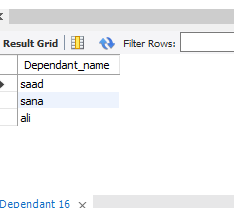
**Q7:**

**QUERY:**

select Dependant\_name from Dependant

where Dependant.Bdate !='%2002%' and Dependant.Bdate !='%2003%'and Dependant.Bdate !='%2004%';

**Screenshot:**

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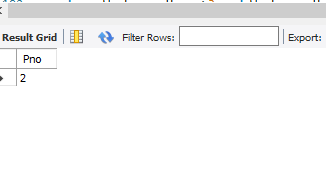
**Q8:**

**QUERY:**

select Pno from Work\_on

where Work\_on.Hours<3 and Work\_on.Hours>10;

**Screenshot:**

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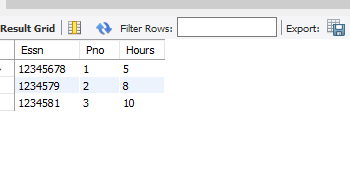
**Q9:**

**QUERY:**

update Works\_on set Hours=5 where Hours=3;

select \* from Works\_on;

**Screenshot:**

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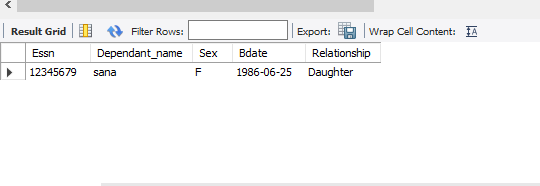
**Q10:**

**QUERY:**

delete from Dependant where Sex='M';

select \* from Dependant;

**Screenshot:**

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