**Answer Sheet - SQL**

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**Major Question 1**

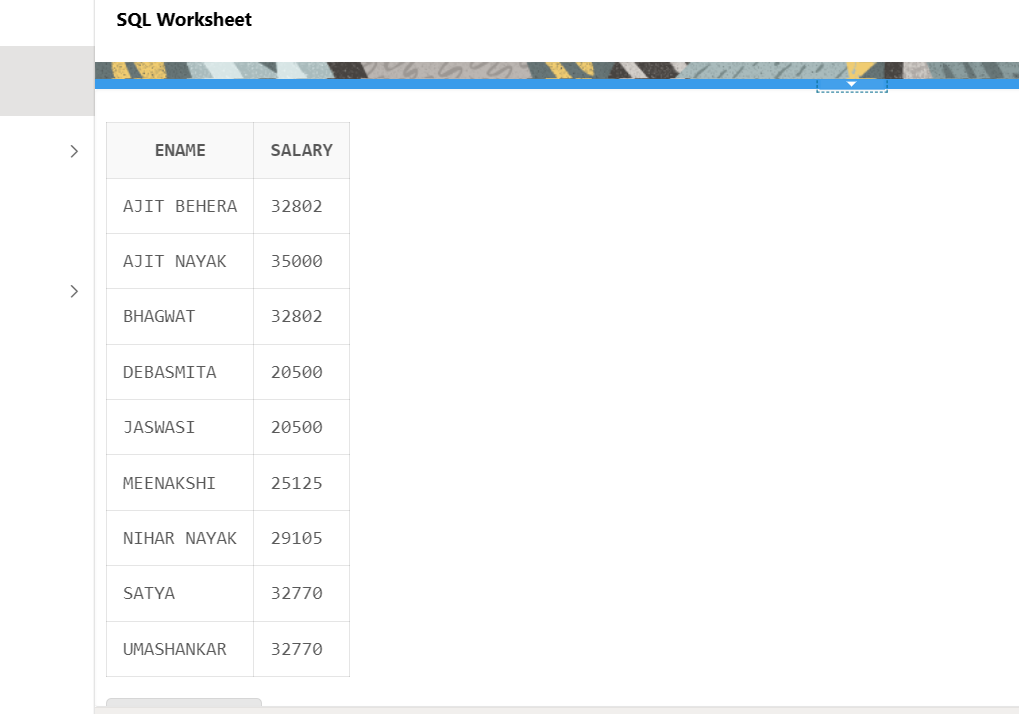
1. List the salary of all the employees.

Select Ename, Salary from Employee

order by ename

Insert Image-

**SQL Worksheet**



1. Display the names of all employees with any “A” at any place of the name.

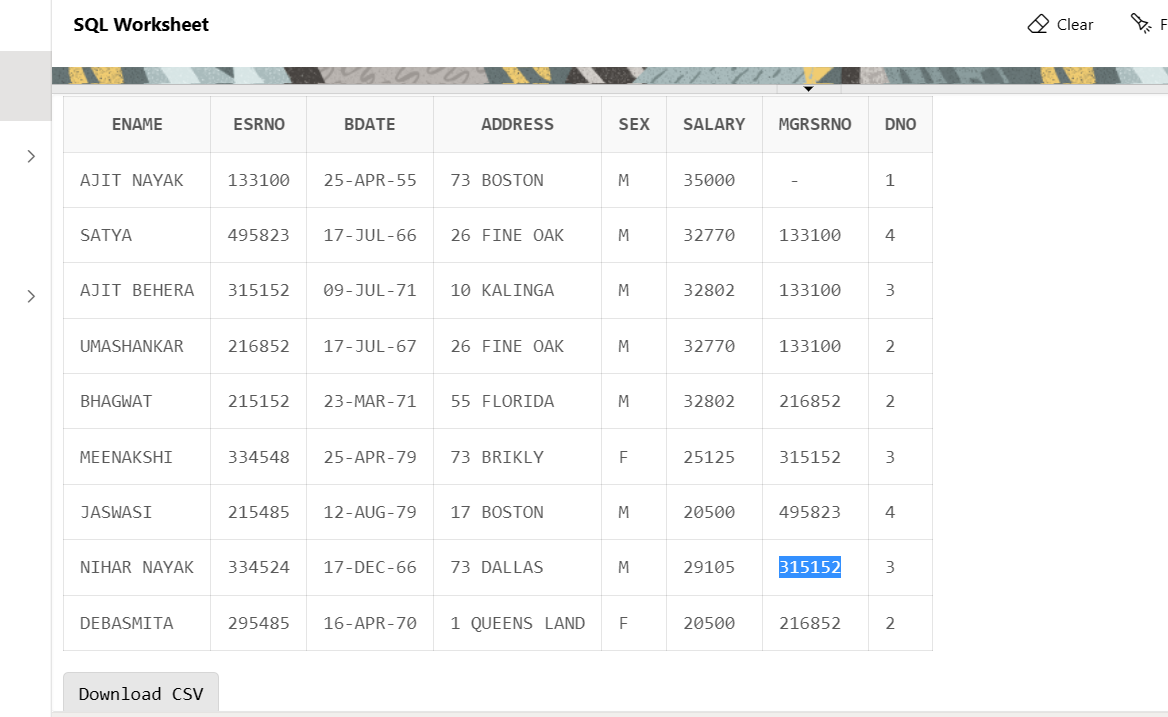
SELECT \*

FROM employee

WHERE ename LIKE '%A%';

Insert Image –

**SQL Worksheet**



1. Show all employees who were hired in the first half of the month (Before the 16th of the month).

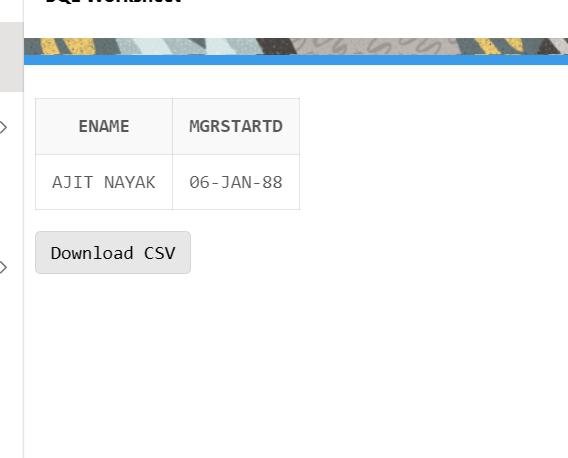
Select ename,MGRSTARTD

From Employee INNER JOIN Department

ON Employee.ESRNO=Department.MGRSRNO

WHERE EXTRACT(DAY FROM MGRSTARTD) < 15

Insert Image -



1. Display the name of all female employees.

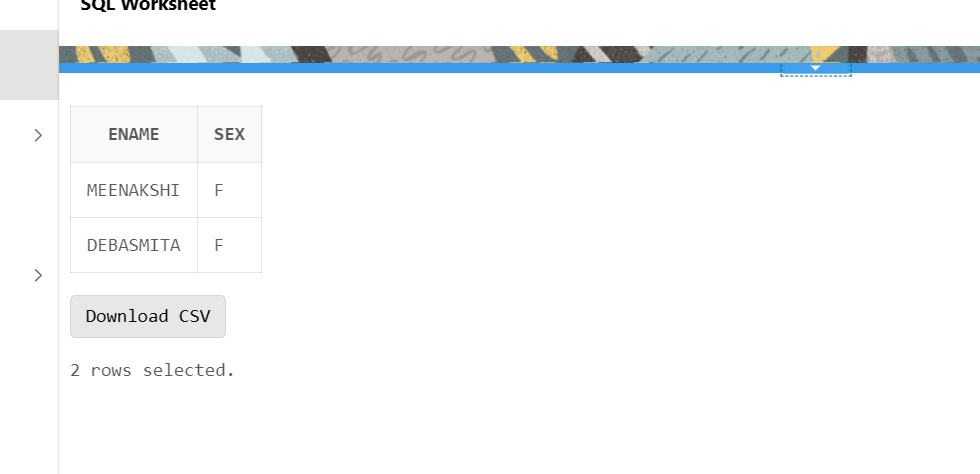
Select Ename, Sex

from Employee

where sex= 'F';

Insert Image –

**SQL Worksheet**



1. Display the employee who is paid most in the company.

SELECT

Ename,

Salary

FROM

Employee

WHERE

Salary =(

SELECT

MAX( Salary )

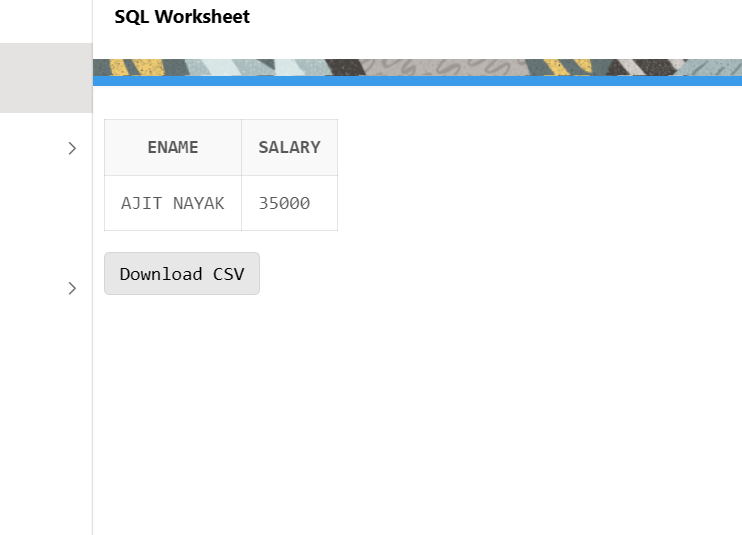
FROM

Employee

);

Insert Image –

**SQL Worksheet**



**Major Question 2**

1. Display employee name, address, department no and department name.

Select ENAME, ADDRESS, DNUMBER,DNAME

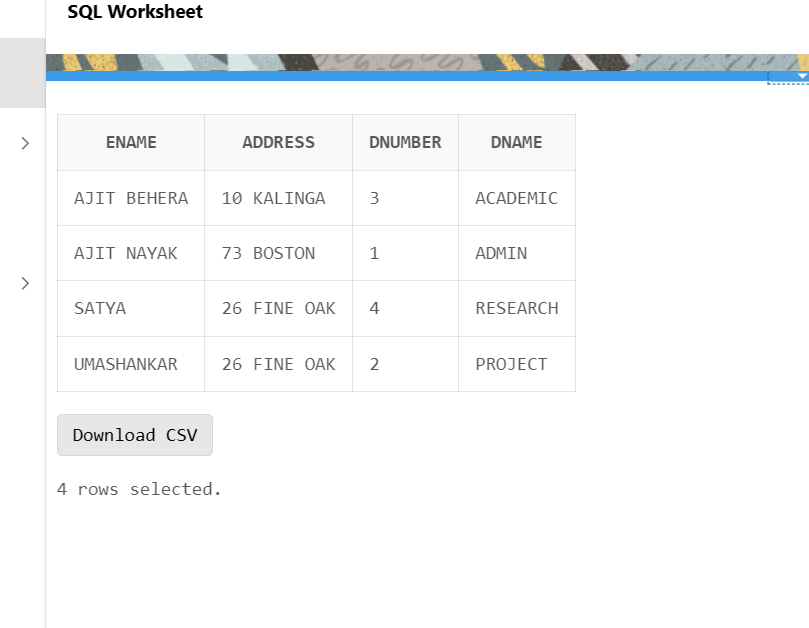
From Employee INNER JOIN Department

ON Employee.ESRNO=Department.MGRSRNO

order by ename;

Insert Image –

**SQL Worksheet**



1. Display all the employees who are *not in* ACADEMIC department

Select Ename,Dname,Dnumber

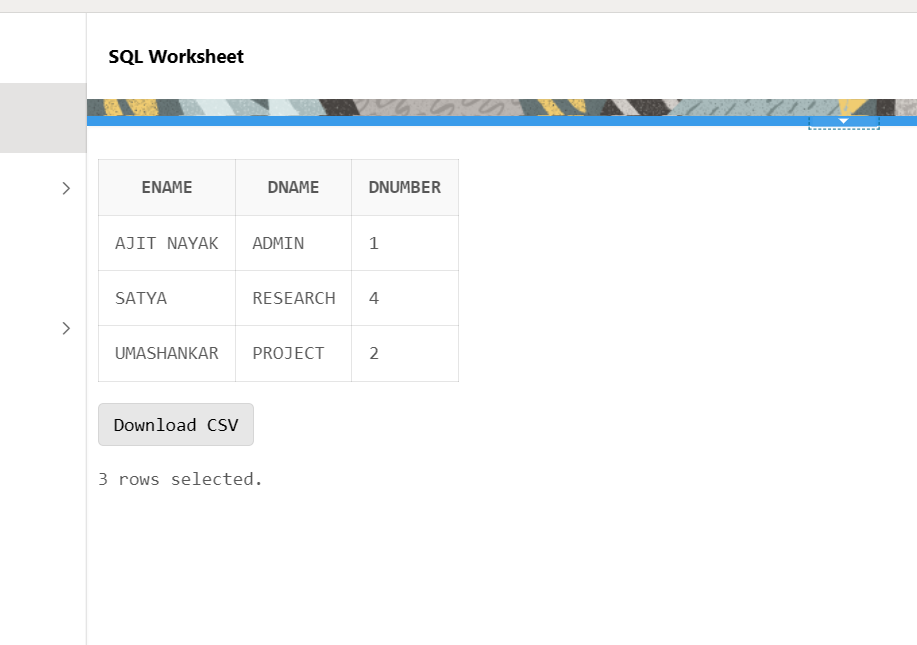
From Employee,Department

Where not Dname ='ACADEMIC' And Employee.ESRNO=Department.MGRSRNO

ORDER BY ENAME;

Insert Image –

**SQL Worksheet**



1. Display SATYAS’ project location.

Select Employee.Ename, project.Plocation

From employee

inner JOIN Works\_on

ON Employee.ESRNO=Works\_on.ESRNO

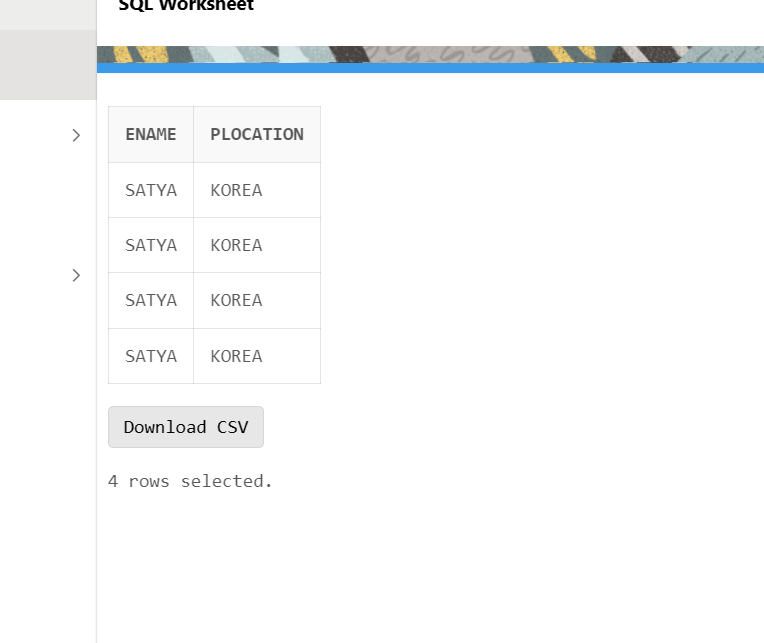
inner JOIN Project

on Project.pnumber=Works\_on.pno

where Ename='SATYA';

Insert Image -

**SQL Worksheet**



1. Find the total working hours of *each* female employee.

Select ENAME, Sex, Hours

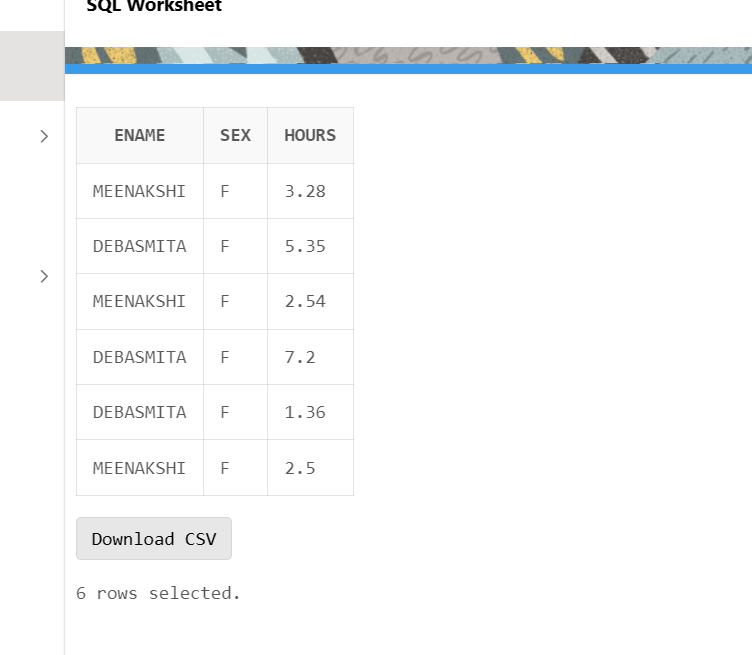
From Employee INNER JOIN Works\_on

ON Employee.ESRNO=Works\_on.ESRNO

where sex='F';

Insert Image -

**SQL Worksheet**



Select Ename,Employee.esrno,bdate,address,Sex,Salary,Employee.MGRSRNO,Employee.DNO, Department.DNAME,Department.DNUMBER,Department.MGRSRNO,Department. MGRSTARTD, Plocation, Pname,Pno,dnum,pno,hours,works\_on.esrno, Dept\_locations.DNUMBER,Dept\_locations.DLOCATION

From employee

inner JOIN Department

ON Employee.ESRNO=Department.MGRSRNO

inner JOIN Works\_on

ON Employee.ESRNO=Works\_on.ESRNO

inner JOIN Project

on Project.pnumber=Works\_on.pno

inner join dept\_locations

on Department.Dnumber=Dept\_locations.Dnumber

where Plocation='SOUTH AFRICA';

1. Display the details of the people whose projects are located at SOUTH AFRICA.

Insert Image -

