**Answer Sheet - SQL**

Name : Priyanka Arora

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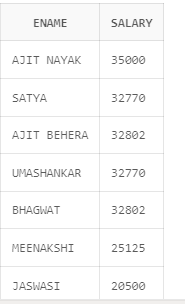
Email : [arora09011987@gmail.com](mailto:arora09011987@gmail.com)

**Major Question 1**

1. List the salary of all the employees.

Select ENAME, salary from Employee;

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

or

select ENAME from Employee

where ENAME like '%A%';

*Select ENAME from Employee*

*where INSTR(ENAME,'A') is not null*

Insert Image – 

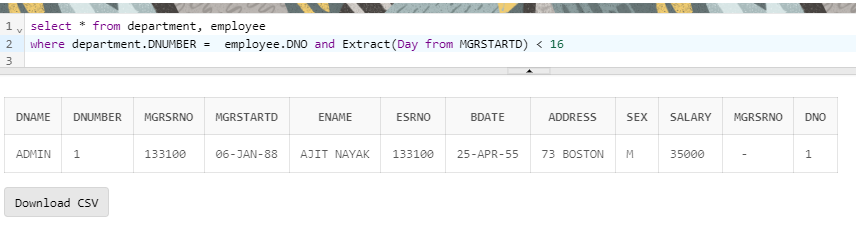
1. Show all employees who were hired in the first half of the month (Before the 16th of the month).

select \* from department, employee

where department.DNUMBER = employee.DNO

and Extract (Day from MGRSTARTD) < 16

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OR

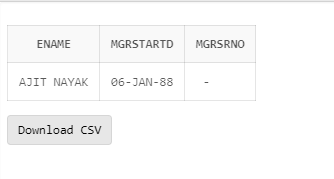
SELECT ENAME, MGRSTARTD,Employee.MGRSRNO

FROM Employee

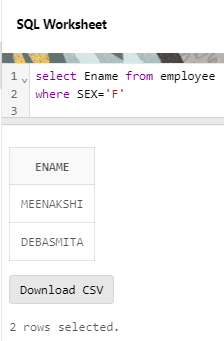
JOIN Department

ON Employee.ESRNO = Department.MGRSRNO

Where EXTRACT(DAY FROM MGRSTARTD) < 15



1. Display the name of all female employees.



select Ename from employee

where SEX='F'

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

select \* from Employee

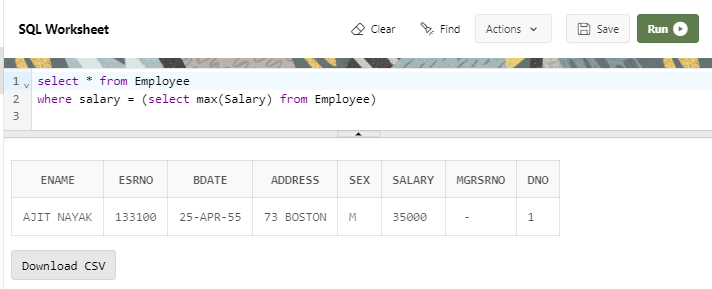
where salary = (select max(Salary) from Employee)

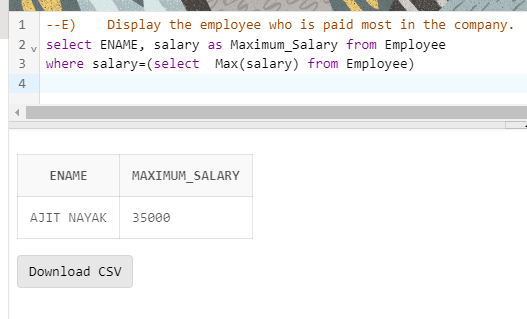
OR

select ENAME, salary from Employee

where salary=(select Max(salary) from Employee)

Insert Image –





**Major Question 2**

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

select ENAME, ADDRESS, DNUMBER, DNAME

from Employee,Department

where Department.DNUMBER = Employee.DNO

order by DNUMBER;

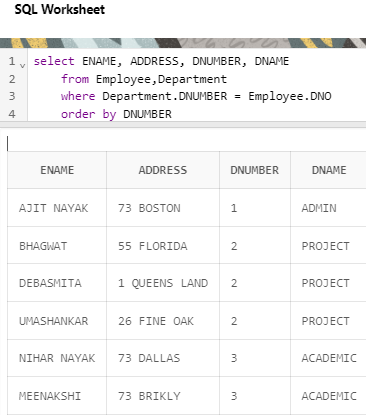
OR

select \* from department, employee

where department.DNUMBER = employee.DNO

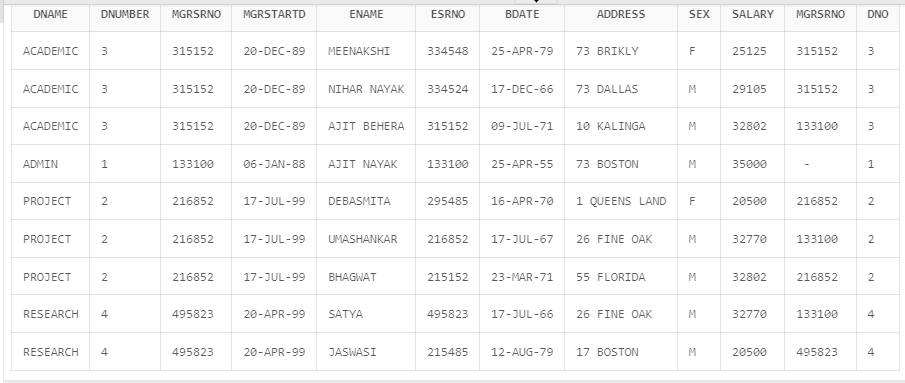
ORDER BY DNAME;

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OR



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

select ENAME, ADDRESS, DNUMBER, DNAME

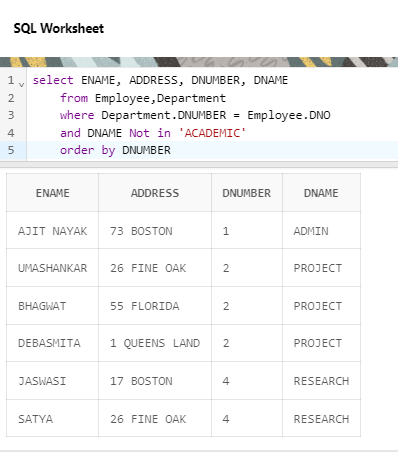
from Employee,Department

where Department.DNUMBER = Employee.DNO

and DNAME Not in 'ACADEMIC'

order by DNUMBER

Insert Image –



1. Display SATYAS’ project location.

SELECT ENAME,Project.PLOCATION

FROM Employee

INNER JOIN Project

ON Employee.DNO = Project.DNUM

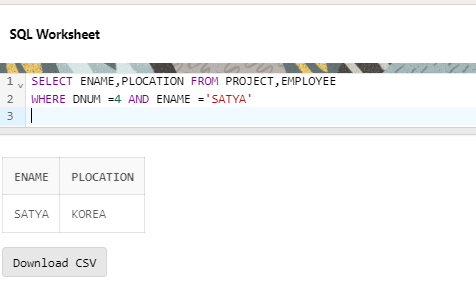
where ENAME='SATYA'

OR

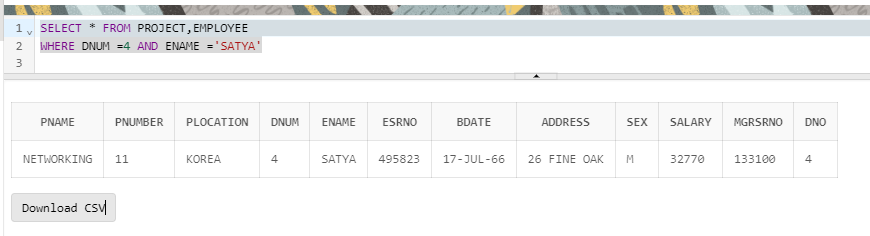
SELECT \* FROM PROJECT,EMPLOYEE

WHERE DNUM =4 AND ENAME ='SATYA'

Insert Image –



OR



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

SELECT e.ESRNO, SUM(w.hours), e.ENAME

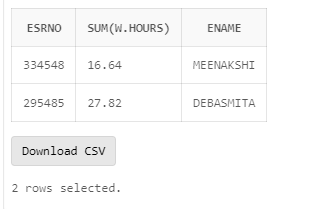
FROM works\_on w

JOIN Employee e ON w.ESRNO = e.ESRNO

WHERE e.sex = 'F'

GROUP BY e.ESRNO, e.ENAME;

Insert Image –



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

select p.PNAME,p.PNUMBER,p.PLOCATION,p. DNUM,e.ENAME,e.ESRNO,e.BDATE,e.ADDRESS,e.SEX,e.SALARY,e.MGRSRNO

from Employee e

join Project p

on e.DNO = p.DNUM

where PLOCATION='SOUTH AFRICA'

Insert Image –

