

HACKATHON-1.0

This Is PresentedBY Rajesh Kumar

23



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Major Question 1:-

A) List the salary of all the employees.

Ans:-

Select Ename, Salary From Employee

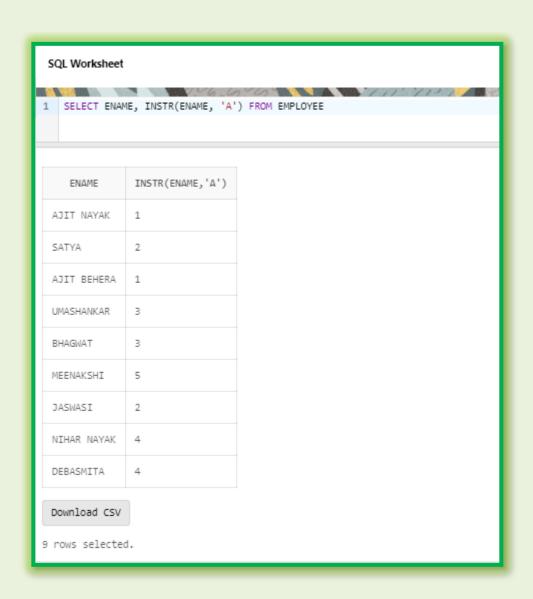


B) Display the names of all employees with any "A" at any place of the name.

Ans:-

SELECT ENAME, INSTR(ENAME, 'A') FROM EMPLOYEE





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

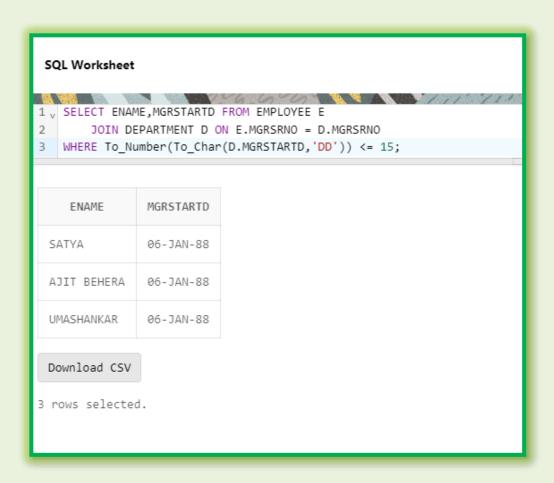
Ans:-

SELECT ENAME, MGRSTARTD FROM EMPLOYEE E

JOIN DEPARTMENT D ON E.MGRSRNO = D.MGRSRNO

WHERE To_Number(To_Char(D.MGRSTARTD,'DD')) <= 15;



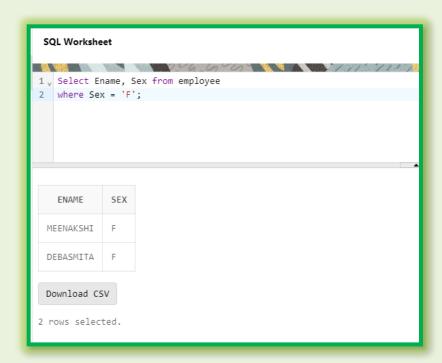


D) Display the name of all female employees.

Ans:-

SELECT ENAME, SEX FROM EMPLOYEE
WHERE SEX = 'F';





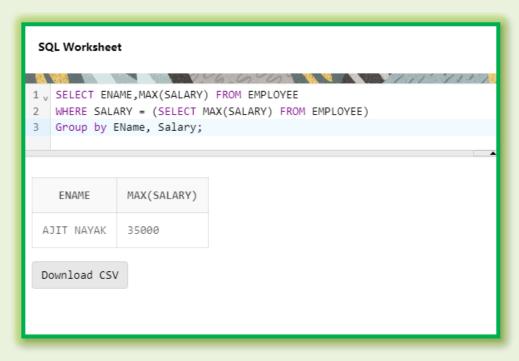
E) Display the employee who is paid most in the company.

Ans:-

SELECT ENAME,MAX(SALARY) FROM EMPLOYEE

WHERE SALARY = (SELECT MAX(SALARY) FROM EMPLOYEE)

Group by EName, Salary;





Major Question 2:-

A) Display employee name, address, department no and department name.

Ans:-

SELECT ENAME, ADDRESS, DNO, DNAME FROM EMPLOYEE E

JOIN DEPARTMENT D ON DNO = DNUMBER;



B) Display all the employees who are not in ACADEMIC department

Ans:-

SELECT ENAME, DNAME FROM EMPLOYEE, DEPARTMENT
WHERE DNAME NOT IN ('ACADEMIC') AND DNO = DNUMBER;





C) Display SATYAS' project location

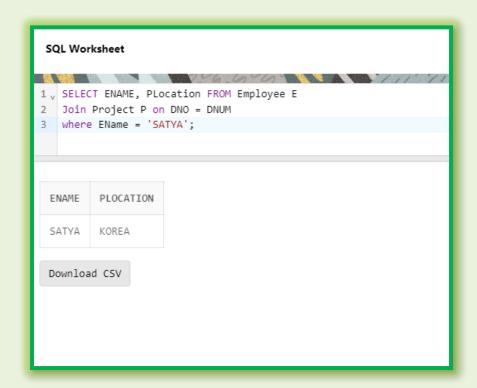
Ans:-

SELECT ENAME, PLOCATION FROM EMPLOYEE E

JOIN PROJECT P ON DNO = DNUM

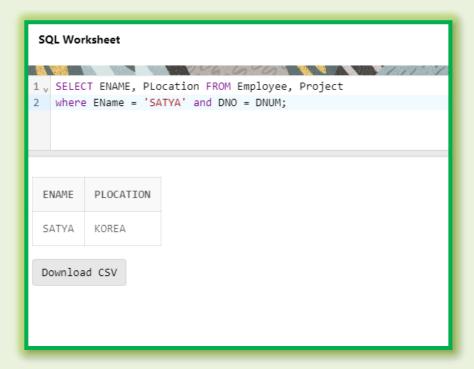
WHERE ENAME = 'SATYA';





OR

SELECT ENAME, PLOCATION FROM EMPLOYEE, PROJECT WHERE ENAME = 'SATYA' AND DNO = DNUM;





D) Find the total working hours of *each* female employee.

Ans:-

SELECT ENAME, SUM(HOURS) FROM WORKS_ON W, EMPLOYEE E
WHERE SEX = 'F' AND E.ESRNO = W.ESRNO
GROUP BY ENAME, SEX;





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

Ans:-

SELECT * FROM EMPLOYEE E INNER JOIN PROJECT P ON DNO = DNUM WHERE PLOCATION = 'SOUTH AFRICA';

