

Queries

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1.SELECT DISTINCT PNo
FROM PROJECT
WHERE PNo IN(
(SELECT P.PNo
FROM PROJECT P,DEPARTMENT D ,EMPLOYEE E
WHERE P.DNo=D.DNo AND D.MgrSSN=E.SSN AND
E.Name='Scott')
UNION
(SELECT W.PNo FROM WORKS_ON W, EMPLOYEE E
WHERE E.SSN=W.SSN AND E.Name='Scott'));

2..SELECT E.Name,1.1* E.Salary AS
Increased_salary
FROM EMPLOYEE E, WORKS_ON W, PROJECT P
WHERE E.SSN=W.SSN AND W.PNo=P.PNo AND
P.PName='IoT';

3. SELECT SUM (E. Salary) AS TOTAL_SALARY,MAX(E.
Salary)
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AS
MAX_SALARY,MIN(E. Salary) AS MIN_SALARY,AVG(E.
Salary) AS
AVG_SALARY
FROM EMPLOYEE E, DEPARTMENT D
WHERE E. DNo= D. DNo AND D.DName='Accounts';

4. SELECT E.Name
FROM EMPLOYEE E
WHERE NOT EXISTS((SELECT PNo FROM PROJECT WHERE
DNo='D5')
MINUS (SELECT W.PNo FROM WORKS_ON W WHERE
E.SSN=W.SSN));

5.SELECT D.DNo,COUNT(*)
FROM EMPLOYEE E, DEPARTMENT D
WHERE E.DNo= D.DNo AND E.Salary>600000
GROUP BY D.DNo
HAVING COUNT(*)>=5;
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