1. select dept\_name and emp\_name where dept\_id is same.

**SELECT D.DEPT\_NAME, E.EMP\_NAME FROM DEPARTMENT D JOIN EMPLOYEE E ON D.DEPT\_ID=E.DEPT\_ID;**

2. select all from both tables where dept\_id is same.

**SELECT \* FROM DEPARTMENT D JOIN EMPLOYEE E ON D.DEPT\_ID=E.DEPT\_ID;**

3. select dept\_id and sum of salary group it by dept\_id.

**SELECT D.DEPT\_ID, SUM(E.SALARY) as SUM FROM DEPARTMENT D JOIN EMPLOYEE E ON D.DEPT\_ID=E.DEPT\_ID GROUP BY D.DEPT\_ID;**

4. select dept\_name and emp\_name apply right outer join and left outer join.

**SELECT D.DEPT\_NAME, E.EMP\_NAME FROM EMPLOYEE E RIGHT OUTER JOIN DEPARTMENT D ON E.DEPT\_ID=D.DEPT\_ID;**

5. select emp\_name with their respective manager names.

**SELECT D.DEPT\_NAME, E.EMP\_NAME FROM EMPLOYEE E LEFT OUTER JOIN DEPARTMENT D ON E.DEPT\_ID=D.DEPT\_ID;**

**-- CREATE TABLE MANAGER (MAN\_ID INT primary KEY, NAME varchar(10));**

**-- INSERT INTO MANAGER VALUES(1,'RAM'),(2,'SHYAM'),(3,'GEETA'),(4,'SEETA');**

**SELECT E.EMP\_NAME , M.NAME AS MANAGER FROM EMPLOYEE E JOIN MANAGER M ON E.MANAGER=M.MAN\_ID;**

6. select epm\_name with their respective department names.

**SELECT E.EMP\_NAME , D.DEPT\_NAME AS DEPARTMENT FROM EMPLOYEE E JOIN DEPARTMENT D ON E.DEPT\_ID=D.DEPT\_ID;**

Emp1 Emp2

emp\_no emp\_name emp\_no emp\_name

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1 A 1 A

2 B 2 B

3 C 4 D

5 E

1. select same data from both table.

**SELECT \* FROM EMP1 UNION SELECT \* FROM EMP1;**

**SELECT \* FROM EMP1 UNION ALL SELECT \* FROM EMP1;**

1. select employee having same salary as 'Arun'.

**SELECT EMP\_NAME FROM EMPLOYEE WHERE SALARY=(SELECT SALARY FROM EMPLOYEE WHERE EMP\_NAME='Arun') AND EMP\_NAME NOT LIKE 'ARUN';**

2. select employee belonging to same dept as 'jack'.

**SELECT EMP\_NAME FROM EMPLOYEE WHERE DEPT\_ID=(SELECT DEPT\_ID FROM EMPLOYEE WHERE EMP\_NAME='jack');**

3. select name of employee having lowest salary.

**SELECT EMP\_NAME FROM EMPLOYEE WHERE SALARY=(SELECT SALARY FROM EMPLOYEE ORDER BY SALARY LIMIT 1 );**

4. update salary =15000 of employees belonging to same dept as 'Max'.

**UPDATE EMPLOYEE SET SALARY=15000 WHERE DEPT\_ID =**

**(select dept\_id from(SELECT DEPT\_ID FROM employee WHERE EMP\_NAME='Max') as a) and EMP\_NAME!='Max';**

**Update emp set sal = 1500 where deptid = (select deptid from emp where empname = 'max');**