**TOPIC JOINS :-**

**1.CROSS JOIN**

**2.INNER JOIN/EQUI JOIN**

**3.OUTER JOIN**

**A. LEFT OUTER JOIN**

**B. RIGHT OURT JOIN**

**C . FULL OUTER JOIN**

**4.NATURAL JOIN**

**5. SELF JOIN**

**1.CROSS JOIN :- Cross join is used to getting matched records along with un matched records.**

**In this type of join a record from table1 will be merged with all the records of table2.**

**SYNTAX : SELECT COLUMN\_NAME**

**FROM TABLE1,TABLE2;**

**2.INNER JOIN :- We use inner join to get only matched records.**

**SYNTAX : SELECT \***

**FROM EMP INNERJOIN DEPT**

**ON EMP.DEPTNO = DEPT.DEPTNO;**

**3.OUTER JOIN :- Outer Jion is used to get un matched records along with matched records.**

**a. left outer join : in left outer join we will get un matched records along with matched records.**

**Synax : select \***

**From emp e leftouter join dept d**

**On e.deptno = d.deptno;**

**b. Right outer join : in Right outer join we will get un matched records along with matched records from right side table.**

**Syntax : select \***

**From emp e right outer join dept d**

**On e.deptno = d. deptno;**

**c.Full outer join : in Full outer join we will get un matched records along with matched records from both tables.**

**Syntax : select \***

**From emp e full outer join dept d**

**On e.deptno = d.deptno;**

**4.Natural join : In natural join we won’t be writing any join condition. If the table contains similar columns we get output of inner join and if table contains not similar columns we will get output of cross join.**

**Syntax : select column\_name**

**From emp natural join dept;**

**5.Self Join : Join the table it self is called self join.**

**Syntax : Select \***

**From emp e1 join emp e2**

**On e1.mgr = e2.empno ;**