------Equi\_join

Equi\_join is join but without using a join keyword we can join the two or more tables.

--While writing Equi-join will use where clause

select \* from A ,B,C where A.Aid=B.aid and b.Bid =c.Bid

select \* from A\_1 ,B\_1,C\_1 where A\_1.aid=B\_1.aid and B\_1.bid=C\_1.bid;

create table EMP\_new (id int, name varchar (10),Company varchar (10),Work varchar (10));

insert into EMP\_new values (1,'Amit','Info','pune')

insert into EMP\_new values (2,'Puja','Tcs','Mumbai')

insert into EMP\_new values (3,'Poonam','Tech','Pune')

insert into EMP\_new values (4,'Abhi','Logic','Nagpur')

insert into EMP\_new values (5,'Kirti','Lim','Nagar')

select \* from EMP\_new

create table Job (salary int,base varchar (10),id int)

insert into job values (10000,'Pune',1)

insert into job values (20000,'Mumbai',3)

insert into job values (30000,'Nagpur',4)

insert into job values (40000,'Pune',5)

insert into job values (35000,'Nagar',2)

select \* from Job;

select \* from EMP\_new,job where EMP\_new.id=job.id and EMP\_new.work=job.base;

Q. Find EMP name who worked in a department having location same as their address. (Equi Join)

-----Cross Join

--Cross Join is nothing but a cartesian product.

select \* from A cross join B

select \* from A

select \* from B

--By using cross join we can create inner join by providing condition.

select \* from a cross join b where a.Aid =b.Aid

select \* from A\_1 cross join B\_1 cross join C\_1

---Self join

--Joining a table with itself is nothing but self join.

create table SELF\_TEST\_EMP(EID int, ENAME varchar(20),ManagerID varchar(20))

insert into SELF\_TEST\_EMP values(1,'Shivam',2)

insert into SELF\_TEST\_EMP values(2,'krishna',4)

insert into SELF\_TEST\_EMP values(3,'meera',NULL)

insert into SELF\_TEST\_EMP values(4,'radha',2)

insert into SELF\_TEST\_EMP values(5,'bali',1)

select \* from SELF\_TEST\_EMP

select \* from SELF\_TEST\_EMP as T1 ,SELF\_TEST\_EMP as T2 where T1.ManagerID = T2.EID

select T1.eid ,T1.Ename from SELF\_TEST\_EMP as T1 ,SELF\_TEST\_EMP as T2 where T1.ManagerID = T2.EID

Q. Display name and respected manager name. (Self join)

Use same table -SELF\_TEST\_EMP