------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

```sql
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
```