select \* from employee

alter table employee add deprtmentid int references department(id)

select \* from employee

update employee set deprtmentid = 101 where id <2

update employee set deprtmentid = 102 where id between 2 and 52

update employee set deprtmentid = 103 where id >5

create table department(id int primary key , name varchar(20),

managername varchar(20))

insert into department values(101,'HR','Deepak'),

(102,'Accts','Pritpal'),

(103,'Sales','Vijay'),

(104,'IT','Sagar')

select \* from department

Select \* From Employee

alter table employee drop column manager

select \* from employee join department on employee.deprtmentid = department.id

select employee.name , department.name from employee join department

on Employee.deprtmentid = department.id

select a.name , b.name from employee a join department b

on a.deprtmentid = b.id

select a.name As "Employee Name" , b.name as "Department Name" from employee a join department b

on a.deprtmentid = b.id

-- Inner Join > Gives you matching Records

-- Outer Join > Gives you macthing as well as non matching records

-- Left outer join

-- Right outer join

-- Full outer join

-- Left outer join will give you all Records from tabe on left side as well as

-- matching records from table on right side

select a.\* , b.\*

from employee a left outer join department b

on a.deprtmentid = b.id

select a.\* , b.\*

from employee a right outer join department b

on a.deprtmentid = b.id

select a.\* , b.\*

from employee a full outer join department b

on a.deprtmentid = b.id

-- Cross join : It does not need a common column

select a.\* , b.\* from employee a cross join department b

create table student(rn int , name varchar(20))

create table course (courseid int , coursename varchar(20))

insert into student values(1,'Ajay'),

(2,'Vijay'),

(3,'Deepak')

insert into course values(101,'C'),

(102,'C++'),

(103,'DotNet')

select a.\* , b.\* from student a cross join course b

-- self join > It is used to join a table to itself

select \* from Employee

alter table employee add managerid int

update Employee set managerid=3 where id in(1,3,4,5)

update Employee set managerid=2 where id in(6,7,10)

update Employee set managerid=6 where id in(2)

-- Get Employee Names alongwith their manager names

Select a.name As "Employee Name" , b.name As "Manager Name"

from employee a join employee b

on a.managerid= b.id