Create table employee

(

Empid int primary key,

Empname varchar(20),

Empdesignation varchar(20),

Managerid int,

Empsalary int

)

Create table department

(

Deptid int primary key,

Deptname varchar(20)

)

Create table departmentinfo

(

Empid int constraint fkcon re

Select \* from employee

Select \* from department

Select \* from departmentinfo

--inner join

Select e.empid, d.departmentname, d.doj

From employee e

Join departmentinfo d

On e.empid = d.empid

Join department dp

On dp.departmentid = d.departmentid

--outer join

--left outer join

Select d.departmentname, dp.doj

From department d

Left outer join departmentinfo dp

On d.departmentid = dp.departmentid

--right outer join

Select d.departmentname, dp.doj

From departmentinfo dp

right outer join department d

On d.departmentid = dp.departmentid

--full outer join

Select d.departmentname, dp.doj

From departmentinfo dp

full outer join department d

On d.departmentid = dp.departmentid

--cross join

Select d.departmentname, db.doj

From department d

Cross join departmentinfo dp

--self join

Select e.empid as EmployeeID, e.empname, e.empdesignation as Job\_Profile, m.empid as ManagerID,

m.empdesignation as Managerial\_Designation

from employee e

join employee m

on e.empid = m.managerid

stored procedure

select proc pretest

as

Begin

Select \* from employee

End

Exec prcTest

Create or alter proc pretest @empid int, @empname varchar(20), @empdesignation varchar(20)

as

Begin

Insert into employee (empid,empname) values(@empid,@empname)

Print ‘data inserted successfully’

Select \* from employee

End

Exec prcTest 10, ‘Karl’

subqueries

--single valued subquery

Select empid,empname,empdesignation,empsalary

From employee

Where

Empsalary = (select min(empsalary) from employee)

--multi valued subquery

Select empid,empname,empdesignation,empsalary

From employee

Where empid in (select empid from employee

Where empdesignation = ‘Trainee’ or empdesignation = ‘Manager’)

Select city,country from t1

Union

Select city,country from t2