```sql
-- constraints Not null, primary key, foreign key, unique, check, identity

create table dept(
 ID int not null,
 deptName varchar(10),
 [location] varchar(10),
 deptHead varchar(12),
 primary key(ID)
 );

 create table staff(
 [SId] int not null,
 Sname varchar(25) not null,
 gender varchar(2) not null,
 salary int not null,
 departmentId int,
 Primary key([Sid]),
 foreign key(departmentID) references dept(id)
 );
 select * from dept;
 select * from staff;

 select sname,gender,salary,deptHead from dept
 join /*or inner join*/ staff
 on dept.ID=staff.departmentId;

 select sname,gender,salary,deptHead from dept
 right join staff
 on dept.ID=staff.departmentId;

  select sname,gender,salary,deptHead from dept
 FULL OUTER join staff
 on dept.ID=staff.departmentId;

  select sname,gender,salary,deptHead from dept
 FULL join staff
 on dept.ID=staff.departmentId;

 SELECT * from staff
 where sname not in(
  select sname from dept
  join /*or inner join*/ staff
 on dept.ID=staff.departmentId);

 select * from dept
where deptHead not in (  select deptHead from dept
  join /*or inner join*/ staff
 on dept.ID=staff.departmentId);

  select * from dept
 FULL join staff
 on dept.ID=staff.departmentId
```

```
where deptHead not in (  select deptHead from dept
  join /*or inner join*/ staff
 on dept.ID=staff.departmentId)
 or sname not in(
  select sname from dept
  join /*or inner join*/ staff
 on dept.ID=staff.departmentId);

   select * from dept
 FULL join staff
 on dept.ID=staff.departmentId;

 select * from dept full join staff on dept.ID = staff.departmentId
 where sname=null or deptHead=null;

 create procedure _select
 as
 select * from dept
 go;

 exec _select;

 create procedure _FullJoin
 as
   select * from dept
   FULL OUTER join staff
   on dept.ID=staff.departmentId
 go;

 exec _FullJoin;
```