Student

|  |  |  |  |
| --- | --- | --- | --- |
| Student\_id | Number(10) | pk |  |
| Student\_name | Varchar2(20) |  |  |
| DOB | Date |  |  |
| Phone | Varchar2(20) |  |  |
| Address | Varchar2(30) |  |  |

TSP

|  |  |  |
| --- | --- | --- |
| TSP\_id | Number(10) | PK |
| TSP\_name | Varchar2(20) |  |
| Address | Varchar2(20) |  |
| Phone | Varchar2(20) |  |
| Student\_id | Number(10) | Fk(student) |
| Faculty\_id | Number(10) | Fk(Faculty) |

Faculty

|  |  |  |
| --- | --- | --- |
| Faculty\_id | Number(10) | PK |
| Faculty\_name | Varchar2(20) |  |
| Address | Varchar2(20) |  |
| Phone | Varchar2(20) |  |

1.Create tables(all).

2.insert data to those tables(5 records).

3.Select student id, student name, student address, student phone, tsp name, tsp phone, faculty name, faculty phone

4.show student id, student name, student address, student phone, tsp name, tsp phone, faculty name, faculty phone who are student of NCLC.

1. drop table Student;

create table Student

(Student\_id number(10)constraint s\_id\_pk Primary Key,

Student\_name varchar2(20)Not Null,

Dob date,

Phone varchar2(20),

Address varchar2(30));

drop table Faculty;

create table faculty

(Faculty\_id number(10)constraint f\_id\_pk Primary Key,

Faculty\_name varchar2(20)Not Null,

Address varchar2(20),

Phone varchar2(20));

drop table TSP;

create table TSP

(TSP\_id number(10)constraint t\_id\_pk Primary Key,

TSP\_name varchar2(20)Not null,

Address varchar2(20),

Phone varchar2(20),

Student\_id number(10),

Faculty\_id number(10),

constraint stu\_id\_fk Foreign Key(Student\_id)references Student(Student\_id),

constraint fac\_id\_fk Foreign Key(Faculty\_id)references Faculty(Faculty\_id));

1. insert into student values(1,'kkk','12 Jul 1998','0123567347','mirpur');

insert into student values(2,'ddd','12 Jul 1994','0123567547','mirpur');

insert into student values(3,'uuu','15 Jul 1995','0123567667','Dhanmondi');

insert into student values(4,'mmm','18 Apr 1999','0123567787','mirpur');

insert into student values(5,'ttt','1 Jun 1998','0123562327','Mohakhali');

1. Select s.student\_id,s.student\_name,s.address,s.phone,tsp\_name,t.phone,faculty\_name,f.phone

from student s join TSP t

on s.student\_id=t.student\_id

join faculty f

on t.faculty\_id=f.faculty\_id;

1. Select s.student\_id,s.student\_name,s.address,s.phone,tsp\_name,t.phone,faculty\_name,f.phone

from student s join TSP t

on s.student\_id=t.student\_id

join faculty f

on t.faculty\_id=f.faculty\_id

where tsP\_name='NCLC';

insert into Faculty values(10,'zzz','01123562327','Mohakhali');

insert into Faculty values(20,'xxx','01123562327','Mohakhali');

insert into Faculty values(30,'ggg','01123562327','Mohakhali');

insert into Faculty values(40,'qqq','01123562327','Mohakhali');

insert into Faculty values(50,'bbb','01123562327','Mohakhali');

insert into TSP values(100,'NCLC','hjgj','01123562327',4,10);

insert into TSP values(200,'bhuiya','hjgj','01123562327',4,20);

insert into TSP values(300,'dotcom','nmnm','01123562327',4,30);

insert into TSP values(400,'ITBangla','hjgj','01123562327',4,10);

insert into TSP values(500,'GNSL','nmnm','01123562327',4,50);