**LAB 8**

1)

|  |  |  |
| --- | --- | --- |
| Table Name | Primary Key (PK) | Foreign Key (FK) |
| Student | SID | CID |
| Offers | CID and Mcode | Mcode |
| Module | Mcode | ------------- |
| Course | CID | ------------- |

2)

1. Course
2. Module
3. Offers
4. Student

3)

create table Course (

CID char (6),

Cname varchar (50),

C\_Description varchar (200),

C\_fee int,

constraint course\_pk primary key (CID)

);

create table Student (

SID char (10),

Sname varchar (50),

Address varchar (50),

dob date,

NIC char (10),

CID char (6),

constraint student\_pk primary key(SID),

constraint student\_fk foreign key (CID) references Course (CID)

);

select\*

from Student;

create table Offers (

CID char (10),

Mcode char (6),

Accadamic\_year char (2),

Semester int,

constraint Offers\_pk primary key (CID),

constraint Offers\_fk1 foreign key (CID) references Student (CID),

constraint Offers\_fk2 foreign key (Mcode) references Module (Mcode)

);

create table Module (

Mcode char (6),

Mname varchar (50),

M\_Description varchar (200),

NoOfCredits int,

constraint module\_pk primary key (Mcode)

);

4)

ALTER :

* Use to modify and existing table, like adding a row or column.

DROP :

* Use to remove a table completely.

5)

* alter table Student

add constraint student\_chk check(NIC) LIKE '(0-9)(0-9)(0-9)(0-9)(0-9)(0-9)(0-9)(0- 9)(0-9)(v-V)')

* alter table Module

add constraint Module\_chk check(NoOfCredits) LIKE '1','2','3','4'