create table Module(

Mcode char(6),

Mname varchar(15),

M\_Discription varchar(200),

NoOfCredits int,

CONSTRAINT Module\_PK primary key(Mcode)

);

create table Course(

CID char(6),

Cname varchar(50),

C\_Discroption 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\_cid\_fk foreign key(CID) References Course(CID)

);

create table Offers(

CID char(6),

Mcode char(6),

Accademic\_year char(2),

Semester int,

constraint Offers\_PK primary key(CID,Mcode),

constraint offers\_cid\_fk1 foreign key(CID) references Course(CID),

constraint offers\_Mcode\_fk2 foreign key(Mcode) references Module(Mcode)

);

--5--

ALTER TABLE Student

ADD CONSTRAINT Student\_check

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\_check

CHECK (NoOfCredits IN (1,2,3,4))