CREATE TABLE Student (

Stud\_id number(7) NOT NULL PRIMARY KEY ,

AGE number(4) not NULL ,

Date\_of\_birth DATE ,

Sex varchar2(6) NOT NULL,

Enroll\_Year DATE ,

F\_name varchar2 (17) NOT NULL,

Minit varchar2 (17) NOT NULL,

l\_name varchar2 (17) NOT NULL,

City\_Add varchar2(17) ,

State\_Add varchar2(17) ,

Recept\_no number(7)

);

ALTER TABLE student

ADD FOREIGN KEY(recept\_no)

REFERENCES fees (recept\_no);

CREATE TABLE Employee (

SSN number(7) NOT NULL PRIMARY KEY ,

AGE number(4) not NULL ,

Salary number(8) not NULL ,

Sex varchar2(6) NOT NULL,

Telephone\_num number(14) ,

F\_name varchar2 (17) NOT NULL,

Minit varchar2 (17) NOT NULL,

l\_name varchar2 (17) NOT NULL,

Address varchar2(17)

);

CREATE TABLE Department (

Department\_id number(10) NOT NULL PRIMARY KEY ,

Department\_name varchar2(10) not NULL,

Instructor\_id number(10) NOT NULL

);

ALTER TABLE department

ADD FOREIGN KEY(instructor\_id)

REFERENCES instructor (instructor\_id);

CREATE TABLE Course (

Course\_id number(10) NOT NULL PRIMARY KEY ,

Course\_name varchar2(10) not NULL

);

CREATE TABLE Instructor (

Instructor\_id number(10) NOT NULL PRIMARY KEY ,

Instructor\_Degree varchar2(10) not NULL,

Emp\_SSN number(14) not NULL

);

ALTER TABLE instructor

ADD FOREIGN KEY(emp\_ssn)

REFERENCES employee(ssn);

CREATE TABLE Exam (

Exam\_id number(10) NOT NULL PRIMARY KEY ,

Exam\_name varchar2(20) not NULL,

Exam\_Date date not NULL,

Mark number(10,5) not NULL,

Subject varchar2(20) not NULL,

course\_id number(20) not NULL

);

ALTER TABLE exam

ADD FOREIGN KEY(course\_id)

REFERENCES course (course\_id);

CREATE TABLE Fees (

Recept\_no number(20) PRIMARY KEY not NULL,

Costs number(20) not NULL,

Yeear date not NULL

);

CREATE TABLE Student\_Activty (

Activity\_id number(20) PRIMARY KEY not NULL,

Activity\_name varchar2(25) not NULL

);

CREATE TABLE Dependant (

namee varchar2(25) NOT NULL PRIMARY KEY ,

Date\_of\_birth DATE ,

Sex varchar2(6) NOT NULL,

Relationship varchar2 (17) NOT NULL,

ESSN number(7) NOT NULL REFERENCES EMPLOYEE (SSN)

);

CREATE TABLE Student\_phone(

Stud\_id number(7) NOT NULL REFERENCES student ( Stud\_id ),

phone number(15) not NULL primary key

);

CREATE TABLE Ins\_Course(

ins\_id number(20) NOT NULL primary key ,

Cource\_id number(10) NOT NULL REFERENCES COURsE ( COURSE\_id ),

semester number(4)not NULL

);

CREATE TABLE Dept\_Course(

Dept\_id number(10) NOT NULL REFERENCES department ( department\_id ) ,

Cource\_id number(10) NOT NULL REFERENCES COURsE ( COURSE\_id )

);

CREATE TABLE Dept\_location(

dep\_location varchar2(25) ,

Cource\_id number(10) NOT NULL REFERENCES COURsE ( COURSE\_id )

);

CREATE TABLE Stud\_course(

Stud\_id number(7) NOT NULL REFERENCES student ( Stud\_id ) ,

Cource\_id number(10) NOT NULL REFERENCES COURsE ( COURSE\_id ),

semester number(4)not NULL,

Grade number(10) not NULL ,

course\_year date not NULL

);

if OBJECT\_ID('TEMpDb ..Student')IS NOT NULL

drop table student ;