Source Code:

create database RainbowSchool

use RainbowSchool

go

create table RainbowStudents

(

StudID varchar (20) primary key,

StudName varchar (20),

ClassID int foreign key references Class (ClassID)

)

/\*Student – store all student data across multiple classes

Subjects – master list of subjects taught in all classes

Classes – list of classes in the school\*/

create table Subjects

(

SubjID int primary key,

SubjName varchar (20),

ClassID int foreign key references Class (ClassID)

)

create table Class

(

ClassID int primary Key,

ClassSec varchar (20)

)

insert into Class values (501, 'A'), (502, 'B'), (503, 'C'), (504, 'D')

insert into RainbowStudents values(1,'Lucifer',501), (2,'Max',502), (3,'Mize',503), (4,'Kim',504)

insert into Subjects values(1,'Science',501), (2,'Maths',502), (3,'Physics',503), (4,'Chemistry',504)

select \* from Class

select \* from RainbowStudents

select \* from Subjects