**Homework 4**

1)

//Student’s Table creation

**create table** Student(

ID\_Number : **int**(9),

First\_Name: **char**(20),

Last\_Name : **char**(20),

Address : **varchar**(20),

City : **char**(20),

ZIP\_Code : **int**(5),

DOB : **int**(6),

GPA : **numeric**(2),

Student\_honor\_status: **char**(3),

**primary key :** (ID\_Number)

);

//Class Table Creation

**create table** Class(

Section\_Number : **int**(5),

Start\_Time : **int**(4),

End\_Time : **int**(4),

Teacher: **char**(20),

Classroom\_Number : **varchar**(3),

Subject : **varchar**(7),

Capacity : **int**(2),

**primary key :** (Section\_Number)

);

//Teacher’s Schedule table creation

**create table** Teacher\_Schedule(

First\_Name : **char**(20),

Last\_Name : **char**(20),

Subject : **char**(7),

Education\_Level: **varchar**(1),

Start\_Time : **int**(4),

End\_Time : **int**(4),

**primary key :** (First\_Name)

);

//Grade\_book Table creation

**create table** Grade\_book(

ID\_Number : **int**(9),

First\_Name: **char**(20),

Last\_Name : **char**(20),

Subject : **char**(7),

Letter\_Grade: **char**(1),

primary key : (ID\_Number)

);

//Reading\_sessions Table creation

**create table** Reading\_session(

ID\_Number : **int**(9),

First\_Name: **char**(20),

Last\_Name : **char**(20),

Start\_Time : **int**(4),

End\_Time : **int**(4),

**primary key** : (ID\_Number)

);

2)

**a) SELECT** First\_Name

**FROM** Student;

**b)SELECT\*ALL** Education\_Level

**FROM** Teacher\_Schedule;

**c)SELECT\*DISTINCT** Capacity

**FROM** classes;

**d) SELECT\*INTO** ID\_Number

**FROM** Student;

**e) SELECT\*FROM** Teacher

**WHERE** Subject=Math;