Assignment \_1 \_ MYSQL

1.a) Create a database called A21XXX

b) Drop the database A**21XXX**

c) Create the database A**21XXX** if not exists

d) Drop the datbase A**21XXX** if exists.

e)Create a database A21XXX if not exists and select A21XXX database.

f) Show all the databases

g) Show the current selected database( A**21XXX**)

h) Show all the tables in the current database.

2)a) Create a table T121XXX with columns prod\_id (integer), prod\_code(char), name (Variable length character) ,Quantity ( integer unsigned) , price ( decimal(3,2))

b) Describe the fields of the T121XXX table

c) Inserts five tuples in the table T121XXX

|1001 | PEN | Pen Red | 5000 | 1.23 |

| 1002 | PEN | Pen Blue | 8000 | 1.25 |

| 1003 | PEN | Pen Black | 2000 | 1.25 |

| 1004 | PEC | Pencil 2B | 10000 | 0.48 |

|1005 | PEC | Pencil 2H | 8000 | 0.49 |

d) Display the entered values in the tables T121XXX ;

3)a) List all the rows for specified columns ( name and price) of Table T121XXX

b) Delete the product details of prod\_id= 1005;

c) List all the rows for ALL columns

d) List name and quantity of T121XXX table whose price less than< 1.0

e) truncate the table T121XXX

4) a) Create table **T221XXX** with coulmns Emp\_id ( Integer), Emp\_name( variable length char), Emp\_DOB ( DATE), Emp\_ Dept( Charater(5))

b) Alter table **T221XXX** to add coulmn Phone\_num ( 10 digits);

c) Alter table **T221XXX** to drop column Emp\_Dept;

d) Alter table **T221XXX** to modify column Emp\_DOB to datatype year

5. Create a table T321XXX with following details :(A int , **B ( Char)** , C (Char), D (int))

a) add NOT NULL constraints B.

b) add UNIQUE constraints on D

b) add Primary key constraint on A

c) add Default contraints on C with ‘ NA’