

MYSQL PROGRAMMING CONCEPTS

STEPS TO PROGRAM MYSQL:

- 1) CREATE A DATABASE.
- 2) SELECT THE DATABASE CREATED.
- 3) CREATE A TABLE.
- 4) INSERT RECORDS INTO A TABLE.
- 5) DISPLAY THE TABLE.

SQL QUERIES:

1) **CREATE A DATABASE.**

The basic syntax of this CREATE DATABASE statement is as follows –

```
CREATE DATABASE DatabaseName;
```

2) **SELECT THE DATABASE CREATED.**

The basic syntax of the USE statement is as shown below –

```
USE DatabaseName;
```

3) **CREATE A TABLE.**

The basic syntax of the CREATE TABLE statement is as follows –

```
CREATE TABLE table_name(
```

```
    column1 datatype,
```

```
    column2 datatype,
```

```
    column3 datatype,
```

```
    .....
```

```
    columnN datatype,
```

```
);
```

4) INSERT RECORDS INTO A TABLE.

There are two basic syntaxes of the INSERT INTO statement which are shown below.

a) INSERT INTO TABLE_NAME (column1, column2,
column3,...columnN)
VALUES (value1, value2, value3,...valueN);

b) INSERT INTO TABLE_NAME VALUES
(value1,value2,value3,...valueN);

5) DISPLAY THE TABLE.

The basic syntax of the SELECT statement is as follows –

```
SELECT * FROM table_name;
```

PRODUCT TABLE

Database: product_DB

Table: product_TB

productID INT	productCode CHAR(3)	name VARCHAR(30)	quantity INT	price DECIMAL(10,2)
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