```sql
//=============SHOW DATABASES===========================

SHOW DATABASES;

//============= (1st STEP) CREATE NEW DATABASE==============

CREATE DATABASE GroceryStore;

//=============DROP DATABASE DATABASE====================

DROP DATABASE GroceryStore;

//============= (2nd STEP) USE DATABASE DATABASE=============

USE GroceryStore;


//============== CREATE NEW TABLE ===========================


CREATE TABLE CustomerDetails(
id VARCHAR(6) ,
name VARCHAR(30),
address VARCHAR(30),
salary DECIMAL(10,2)
);

//============== SHOW TABLES ==========================

SHOW TABLES;

//============== DROP TABLE ==========================

DROP TABLE CustomerDetails;

//============== VIEW DESIGN OF THE TABLE ==============

DESCRIBE Customer;

DESC Customer;
```

//--------------------Inserting records to the Customer Table---

INSERT INTO Customer VALUES('C001','Danapala','Panadura',54000);

INSERT INTO Customer VALUES('C002','Gunapala','Matara',44000);

INSERT INTO Customer VALUES('C003','Somapala','Galle',82000);

INSERT INTO Customer VALUES('C004','Siripala','Galle',24000);

INSERT INTO Customer VALUES('C005','Jinadasa','Panadura',94000);

INSERT INTO Customer VALUES('C006','Sepalika','Kalutara',58000);

//---------------- Another way of insering records to the table ---------

INSERT INTO Customer(id, name, address) VALUES ('C007','Shama','Kalutara');

INSERT INTO Customer(id, name, salary) VALUES ('C008','Shama',5000);

INSERT INTO Customer(id, name, salary) VALUES ('C008','Kamani',5000);

//--------- view all records in the customer table --------------------

SELECT * FROM Customer;

========Activity=============================

```
CREATE TABLE Orders(
       id VARCHAR(6) NOT NULL,
       date DATE,
       customerId VARCHAR(6) NOT NULL,
       CONSTRAINT PRIMARY KEY (id)
);
```
====================================

====== METHODS OF CREATING NEW DATABASE =========

CREATE DATABASE ABC;

//CREATE DATABASE ABC;

CREATE DATABASE IF NOT EXISTS ABC;

======METHODS OF DROPPING DATABASE ===========================

//DROP DATABASE PQR;

DROP DATABASE IF EXISTS PQR;

-------------- Extra Activities -------------------------

CREATE DATABASE StudentContact;

DROP DATABASE IF EXISTS StudentDetails;

DROP TABLE Student;

```
=========================================================
CREATE DATABASE BookStore;

USE BookStore;

CREATE TABLE Book(
    BookCode VARCHAR(5) PRIMARY KEY,
    BookName VARCHAR(30),
    Author VARCHAR(30),
    Price DECIMAL(10,2)
);

DESCRIBE Book;

INSERT INTO Book VALUES('B001','Maths','Kamal',540);

INSERT INTO Book VALUES('B002','English','Nimal',440);

INSERT INTO Book (BookName, Author, Price) VALUES('English','Amal',440);

INSERT INTO Book VALUES('B003','Science','Amal',820);

INSERT INTO Book VALUES('B003','Science2','Amal',100);

INSERT INTO Book VALUES('B009','Science2','Amal,100);

INSERT INTO Book VALUES('B005','Science2','Amal,100);

INSERT INTO Book VALUES('B006','Science2',"Amal,100);

INSERT INTO Book VALUES('B008','Science2','Amal',100)

SELECT * FROM Book;

===================================================

CREATE TABLE Author(
    AuthorId VARCHAR(6),
    name VARCHAR(30)NOT NULL,
    address VARCHAR(30),
    CONSTRAINT PRIMARY KEY (AuthorId)
);

DESC Author;

//-------------------Clear CommandLine-----------------
\! cls
```