**Retail Mart Management**

1. Write a query to create a database named SQL basics.

**SQL code:**

CREATE DATABASE sqlbasics;

1. Write a query to select SQL basics

**SQL code:** USE sqlbasics;

1. Write a query to create a product table with the fields product code, product name, price, stock, and category, a customer table with the fields customer ID, customer name, customer location, and customer phone number, and a sales table with the fields date, order number, product code, product name, quantity, and price

**SQL code: Product table**

CREATE TABLE product ( p\_code varchar(45) NOT NULL,

p\_name varchar(45) NOT NULL,

stock varchar(45) NOT NULL,

price INT NOT NULL,

category varchar(45) NOT NULL,

PRIMARY KEY(p\_code));

**SQL code:** **Customer table**

CREATE TABLE customer ( c\_id VARCHAR(45) NOT NULL,

c\_name varchar(45) NOT NULL,

c\_location varchar(45) NOT NULL,

c\_phoneno int NOT NULL,

PRIMARY KEY(c\_id));

**SQL code: Sales table**

CREATE TABLE sales ( order\_date DATE NOT NULL,

order\_no varchar(45) NOT NULL,

c\_id varchar(45) NOT NULL,

c\_name varchar(45) NOT NULL,

p\_code varchar(45) NOT NULL,

p\_name varchar(45) NOT NULL,

qty INT NOT NULL,

price INT NOT NULL,

PRIMARY KEY(order\_date));

1. Write a query to insert values into the customer, product, and sales tables

Insert values into customer table

**SQL code:**

INSERT INTO customer(c\_id,c\_name,c\_location,c\_phoneno) VALUES ('9212','Jessica','banglore','1233435');

Insert values into sales table

**SQL code:**

INSERT INTO sales(order\_date,order\_no,c\_id,c\_name,s\_code,p\_name,qty,price)VALUES ('2021-02-12','HM02','2123','Biyush','03','Pen','2','20');

Insert values into product table

**SQL code:**

INSERT INTO product(p\_code,p\_name,stock,price,category) VALUES ('07','shampoo','90','5','hair product');

1. Write a query to add new columns, such as serial number and categories, to the sales table

**SQL code:**

ALTER TABLE sales ADD (S\_no INT,categories varchar(45));

1. Write a query to change the stock field type to varchar in the product table

**SQL code:**

ALTER TABLE product MODIFY stock varchar(45);

1. Write a query to change the table name from customer to customer details

**SQL code:**

ALTER TABLE customer RENAME TO lep\_4.customerdetails;

1. Write a query to drop the sl. no. and categories columns from the sales table

**SQL code:**

ALTER TABLE sales DROP COLUMN S\_no;

ALTER TABLE sales DROP COLUMN categories;

1. Write a query to display the details where the category is stationary from the product table

**SQL code:**

SELECT order\_date,order\_no,c\_id,qty,price FROM sales;