**Assignment – 5:-**

CREATE TABLE Products (

ProductID INT PRIMARY KEY,

ProductName VARCHAR(50),

Category VARCHAR(50),

Price DECIMAL(10, 2),

Stock INT

);

INSERT INTO Products (ProductID, ProductName, Category, Price, Stock)

VALUES

(1, 'Laptop', 'Electronics', 800.00, 50),

(2, 'Smartphone', 'Electronics', 600.00, 30),

(3, 'Desk Chair', 'Furniture', 120.00, 100),

(4, 'Table', 'Furniture', 200.00, 20),

(5, 'Notebook', 'Stationery', 5.00, 500),

(6, 'Pen', 'Stationery', 2.00, 1000);

1.   Retrieve all products in the categories **'Electronics'** and **'Furniture'**.

2.   Find all products priced between **$100** and **$800**.

3.   Retrieve products with stock levels between **50** and **500**.

4.   Find all products whose names contain the word **'Pen'**.

5.   Find all products whose names start with **'S'**.

6.   Retrieve products in the categories **'Stationery'** and **'Furniture'**, and priced between **$100** and **$300**.

7.   Find products priced between **$1** and **$10**, and whose names contain the letter **'o'**.