**Assignment - 08:-**

**Table Products:-**

CREATE TABLE Products (

    ProductID INT PRIMARY KEY,

    ProductName VARCHAR(50),

    Price DECIMAL(10, 2),

    QuantitySold INT,

    Category VARCHAR(50)

);

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

VALUES

(1, 'Laptop', 800.00, 5, 'Electronics'),

(2, 'Smartphone', 600.00, 10, 'Electronics'),

(3, 'Desk Chair', 120.00, 15, 'Furniture'),

(4, 'Table', 200.00, 8, 'Furniture'),

(5, 'Notebook', 5.00, 20, 'Stationery'),

(6, 'Pen', 2.00, 50, 'Stationery');

**TASKS:**

1. Retrieve all products whose price is higher than the average price of all products.
2. Write a query to display the name and price of the most expensive product.
3. Write a query to display the total number of products in each category using a subquery.
4. Write a query to find products that sold fewer units than the average quantity sold across all products.
5. Create a **view** called ElectronicsView that contains the details of all products in the "Electronics" category from the Products table.