**Assignment -6:-**

CREATE TABLE Orders (

    OrderID INT PRIMARY KEY,

    CustomerName VARCHAR(50),

     ProductCategory VARCHAR(50),

     Quantity INT,

     TotalPrice DECIMAL(10, 2),

     OrderDate DATE

);

INSERT INTO Orders (OrderID, CustomerName, ProductCategory, Quantity, TotalPrice, OrderDate)

VALUES

(1, 'Alice', 'Electronics', 2, 1600.00, '2024-11-01'),

(2, 'Bob', 'Furniture', 1, 300.00, '2024-11-02'),

(3, 'Charlie', 'Electronics', 1, 800.00, '2024-11-03'),

(4, 'Diana', 'Stationery', 10, 50.00, '2024-11-04'),

(5, 'Eve', 'Electronics', 3, 2400.00, '2024-11-05'),

(6, 'Frank', 'Stationery', 20, 100.00, '2024-11-06');

1. Group the total quantity sold for each product category.
2. Find product categories where the total quantity sold is greater than 10.
3. Calculate the average total price per product category.

4.   Find product categories where the average total price is less than 1000.

5.   Add a column to classify orders as High Value (TotalPrice > 1000) or Low Value(use CASE WHEN).