Activity on SQL #2

Task:

Create a database called "Sales" and create a new table named "Orders" in the Sales database with columns: (Order_Id, Customer_name, Product_Category, Ordered_item, Contact_No).

Use constraints: Primary Key Unique Not Null

Query:

->creating a database

    CREATE DATABASE Sales;

->Use database

    USE Sales;

->creating the table

    CREATE TABLE Orders(

            Order_id INT PRIMARY KEY,

            Customer_name VARCHAR(100) NOT NULL,

            Product_category VARCHAR(50) NOT NULL,

            Ordered_item VARCHAR(100) NOT NULL,

            Contact_no VARCHAR(20) UNIQUE NOT NULL

            );

1) Add a new column named "order_quantity" to the orders table.

        ALTER TABLE Orders
        ADD Order_quantity INT;

2) Rename the orders table to the sales_orders table.

        ALTER TABLE Orders
        RENAME TO Sales_Orders;

3) Insert 10 rows into the sales_orders table.

```
INSERT INTO sales_orders (Order_id, Customer_name, Product_category,
Ordered_item, Contact_no, Order_quantity)
VALUES
(1, 'Amit Sharma', 'Electronics', 'Smartphone', '9876543210', 2),
(2, 'Priya Singh', 'Books', 'Novel', '9876543211', 1),
(3, 'Rahul Verma', 'Clothing', 'T-Shirt', '9876543212', 3),
(4, 'Anjali Mehta', 'Home Appliances', 'Mixer Grinder', '9876543213', 1),
(5, 'Vikram Patel', 'Furniture', 'Dining Table', '9876543214', 1),
(6, 'Sneha Kapoor', 'Beauty', 'Lipstick', '9876543215', 5),
(7, 'Rohit Gupta', 'Sports', 'Cricket Bat', '9876543216', 2),
(8, 'Neha Joshi', 'Toys', 'Action Figure', '9876543217', 4),
(9, 'Arjun Rao', 'Groceries', 'Rice Bag', '9876543218', 1),
(10, 'Kavita Nair', 'Footwear', 'Running Shoes', '9876543219', 2);
```

4) Retrieve customer_name and Ordered_Item from the sales_orders table.

```
SELECT Customer_name, Ordered_item FROM Sales_Orders;
```

5) Use the update command to change the name of the product for any row.

```
UPDATE Sales_Orders
SET Ordered_item = 'Ball'
WHERE Order_id = 7;
```

6) Delete the sales_orders table from the database.

```
DROP TABLE Sales_Orders;
```