Project 1: Store Inventory System

This project tracks products in a small store.

Step 1: **Create Tables**

1. Products Table – Stores product details like name, category, price, and quantity.

```sql
CREATE TABLE Products (
    product_id INT PRIMARY KEY,
    name VARCHAR(50),
    category VARCHAR(50),
    price DECIMAL(10, 2),
    quantity INT
);
```

Step 2: **Insert Data**

```sql
INSERT INTO Products (product_id,
name, category, price, quantity)
VALUES
(1, 'Apple', 'Fruit', 0.50, 100),
(2, 'Banana', 'Fruit', 0.30, 80),
(3, 'Bread', 'Bakery', 1.20, 50),
(4, 'Milk', 'Dairy', 1.50, 40);
```

Step 3: **SQL Queries**

1. List all products

```sql
SELECT * FROM Products;
```

Output:-

product_id	name	category	price	quantity
1	Apple	Fruit	0.50	100
2	Banana	Fruit	0.30	80
3	Bread	Bakery	1.20	50
4	Milk	Dairy	1.50	40

2. Find products with low stock (less than 50)

```sql
SELECT name, quantity FROM
Products WHERE quantity < 50;
```

Output:-

name	quantity
Bread	50
Milk	40