

Exp 7:

```
CREATE TABLE Products (
```

```
    Product_ID INT PRIMARY KEY,
```

```
    Product_Name VARCHAR(255),
```

```
    Category VARCHAR(100),
```

```
    Price DECIMAL(10, 2),
```

```
    Stock INT
```

```
);
```

```
INSERT INTO Products (Product_ID, Product_Name, Category, Price, Stock)
```

```
VALUES
```

```
(1, 'Laptop', 'Electronics', 70000.00, 15),
```

```
(2, 'Smartphone', 'Electronics', 30000.00, 30),
```

```
(3, 'Chair', 'Furniture', 1500.00, 50),
```

```
(4, 'Table', 'Furniture', 2500.00, 20),
```

```
(5, 'Washing Machine', 'Appliances', 25000.00, 10),
```

```
(6, 'Television', 'Electronics', 50000.00, 5),
```

```
(7, 'Refrigerator', 'Appliances', 40000.00, 8);
```

```
SELECT * FROM Products
```

```
WHERE Price > 30000;
```

```
SELECT SUM(Price * Stock) AS Total_Value
```

```
FROM Products;
```

```
SELECT AVG(Price) AS Average_Price
```

```
FROM Products;
```

```
SELECT * FROM Products
```

```
WHERE Category = 'Electronics'
```

```
AND Price > (SELECT AVG(Price) FROM Products);
```

```
SELECT * FROM Products
```

```
WHERE Stock IN (SELECT Stock FROM Products WHERE Stock < (SELECT AVG(Stock) FROM  
Products));
```

```
SELECT * FROM Products p
```

```
WHERE EXISTS (SELECT * FROM Products WHERE Stock > 10 AND Category = p.Category);
```