

Product Table and SQL Queries

1. Create Table

CREATE TABLE **Product** having following attributes
ProductID INT PRIMARY KEY, ProductName VARCHAR(50),
Category VARCHAR(30), Price DECIMAL(10,2),
Quantity INT

2. Insert Values

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INSERT INTO Product VALUES (1, 'Apple iPhone 14', 'Electronics', 79999.00, 20);
INSERT INTO Product VALUES (2, 'Samsung Galaxy S22', 'Electronics', 69999.00, 25);
INSERT INTO Product VALUES (3, 'Sony Headphones', 'Accessories', 1999.00, 100);
INSERT INTO Product VALUES (4, 'HP Laptop', 'Computers', 55999.00, 15);
INSERT INTO Product VALUES (5, 'Dell Mouse', 'Accessories', 499.00, 200);
INSERT INTO Product VALUES (6, 'Canon Camera', 'Electronics', 45999.00, 10);
INSERT INTO Product VALUES (7, 'Apple Watch', 'Wearables', 30999.00, 30);
INSERT INTO Product VALUES (8, 'Logitech Keyboard', 'Accessories', 1299.00, 150);
INSERT INTO Product VALUES (9, 'Samsung TV', 'Electronics', 55999.00, 5);
INSERT INTO Product VALUES (10, 'Mi Band', 'Wearables', 1999.00, 80);
```

Queries

1. Select Products starting with 'Apple'
2. Select Products ending with 'Watch'
3. Select Products containing 'Samsung'
4. Select Products in Electronics or Computers category
5. Select Products with ProductID 1, 3, 5
6. Select Products with price between 1000 and 20000
7. Select Products with Quantity between 10 and 50
8. Select Products in Electronics category and having price more than 50000
9. Select Products with Quantity > 50 and having Price < 5000
10. Select Products with price > 50000 or having Quantity < 20
11. Select Products in Accessories or Wearables category
12. Select Products which do not belong to category Electronics
13. Select Products not having price between 1000 and 20000
14. Display Products ordered by price in ascending order
15. Display Products ordered by quantity in descending order
16. Select Products ordered by Category and then ProductName
17. Update price of Dell Mouse to 599
18. Increase quantity of Mi Band by 20
19. Set price of all Wearables to 2500
20. Reduce quantity by 5 for all Electronics goods

21. Select Electronics category with price between 30000 and 80000
22. Select Products not in category Wearables and quantity > 50
23. Select Accessories with price < 2000 or quantity > 100
24. Select Products with name starting with 'S' and price > 5000
25. Order products in Electronics by quantity ascending