

Write and execute SQL queries- Operators (and, or, not, like, between, in)

Aishi De

```
SQL> aishi
SP2-0042: unknown command "aishi" - rest of line ignored.
SQL> CREATE TABLE Products (
  2     ProductID NUMBER,
  3     ProductName VARCHAR2(100),
  4     Price NUMBER,
  5     Category VARCHAR2(50)
  6 );

Table created.

SQL>
SQL> INSERT INTO Products VALUES (1, 'Laptop', 1000, 'Electronics');

1 row created.

SQL> INSERT INTO Products VALUES (2, 'Phone', 700, 'Electronics');

1 row created.

SQL> INSERT INTO Products VALUES (3, 'Shirt', 30, 'Clothing');

1 row created.

SQL> INSERT INTO Products VALUES (4, 'Shoes', 50, 'Footwear');

1 row created.

SQL> INSERT INTO Products VALUES (5, 'Watch', 200, 'Accessories');

1 row created.

SQL>
SQL> aishi
SP2-0042: unknown command "aishi" - rest of line ignored.
SQL> SELECT * FROM Products WHERE Price > 500 AND Category = 'Electronics';

  PRODUCTID
  -----
 PRODUCTNAME
  -----
 PRICE CATEGORY
  -----
1
Laptop
1000 Electronics
2
Phone
700 Electronics
PRODUCTID
```

```
SQL> SELECT * FROM Products WHERE Category = 'Clothing' OR Price < 100;
```

```
PRODUCTID
-----
PRODUCTNAME
```

```
-----
PRICE CATEGORY
```

```
-----
3
Shirt 30 Clothing
```

```
4
Shoes 50 Footwear
```

```
PRODUCTID
-----
PRODUCTNAME
```

```
-----
PRICE CATEGORY
```

```
SQL> SELECT * FROM Products WHERE NOT Category = 'Electronics';
```

```
PRODUCTID
-----
PRODUCTNAME
```

```
-----
PRICE CATEGORY
```

```
-----
3
Shirt 30 Clothing
```

```
4
Shoes 50 Footwear
```

```
PRODUCTID
-----
PRODUCTNAME
```

```
-----
PRICE CATEGORY
```

```
-----
5
Watch 200 Accessories
```

```
SQL> SELECT * FROM Products WHERE ProductName LIKE 'S%';
```

```
PRODUCTID
```

```
PRODUCTNAME
```

```
PRICE CATEGORY
```

```
3
Shirt 30 Clothing
```

```
4
Shoes 50 Footwear
```

```
PRODUCTID
```

```
PRODUCTNAME
```

```
PRICE CATEGORY
```

```
SQL> SELECT * FROM Products WHERE ProductName LIKE '%h';
```

```
PRODUCTID
```

```
PRODUCTNAME
```

```
PRICE CATEGORY
```

```
5
Watch 200 Accessories
```

```
SQL> SELECT * FROM Products WHERE ProductName LIKE '_o%';
```

```
no rows selected
```

```
SQL> SELECT * FROM Products WHERE Price BETWEEN 30 AND 100;
```

```
PRODUCTID
```

```
PRODUCTNAME
```

```
PRICE CATEGORY
```

```
3
Shirt 30 Clothing
```

```

Shirt
    30 Clothing
    4
Shoes
    50 Footwear

```

```

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----

```

```
SQL> SELECT * FROM Products WHERE Category IN ('Clothing', 'Footwear');
```

```

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----
    3
Shirt
    30 Clothing
    4
Shoes
    50 Footwear

```

```

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----

```

```
SQL> aishi
```

```
SP2-0042: unknown command "aishi" - rest of line ignored.
```

```
SQL> SELECT * FROM Products WHERE (Price > 500 AND Category = 'Electronics') OR ProductName LIKE 'S%';
```

```

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----
    1

```

```

-----
PRICE CATEGORY
-----
1
Laptop
1000 Electronics

```

```

2
Phone
700 Electronics

```

```

PRODUCTID
-----
PRODUCTNAME
-----

```

```

-----
PRICE CATEGORY
-----
3
Shirt
30 Clothing

```

```

4
Shoes

```

```

PRODUCTID
-----
PRODUCTNAME
-----

```

```

-----
PRICE CATEGORY
-----
50 Footwear

```

```
SQL> SELECT * FROM Products WHERE Price > 500 AND NOT Category = 'Clothing';
```

```

PRODUCTID
-----
PRODUCTNAME
-----

```

```

-----
PRICE CATEGORY
-----
1
Laptop
1000 Electronics

```

```

2
Phone
700 Electronics

```

```

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----

SQL> SELECT * FROM Products WHERE ProductName LIKE '%a%' AND Price BETWEEN 50 AND 200;

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----
      5
Watch      200 Accessories

SQL> SELECT * FROM Products WHERE Category NOT IN ('Electronics', 'Clothing');

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----
      4
Shoes      50 Footwear

      5
Watch      200 Accessories

PRODUCTID
-----
PRODUCTNAME
-----
PRICE CATEGORY
-----

```