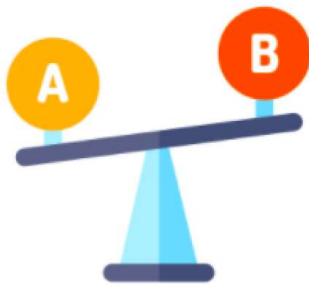


Comparison Operators

In a typical e-commerce scenario, users would generally filter the products with good ratings, or want to purchase the products of a certain brand or of a certain price.

Let's see how comparison operators are used to filter such kind of data using the following database.



Database

The database contains a

`product` table that stores the data of products like name, category, price, brand and rating. You can check the schema and data of `product` table in the code playground.

Comparison Operators

Operator	Description
=	Equal to
<>	Not equal to
<	Less than
<=	Less than or equal to
>	Greater than
>=	Greater than or equal to

Examples

1. Get all the details of the products whose `category` is "Food" from the `product` table.

SQL

```
1 SELECT
2   *
3 FROM
4   product
5 WHERE
6   category = "Food";
```

Output

name	category	price	brand	rating
Chocolate Cake	Food	25	Britannia	3.7
Strawberry Cake	Food	60	Cadbury	4.1
Chocolate Cake	Food	60	Cadbury	2.5
...

2. Get all the details of the products that does not belong to `Food` category from the `product` table.

SQL

```
1 SELECT
2   *
3 FROM
4   product
5 WHERE
6   category <> "Food";
```

Output

name	category	price	brand	rating
Blue Shirt	Clothing	750	Denim	3.8
Blue Jeans	Clothing	800	Puma	3.6
Black Jeans	Clothing	750	Denim	4.5
...

Similarly, we can use other comparison operators like **greater than (>)**, **greater than or equal to (>=)**, **less than (<)**, **less than or equal to (<=)** to filter the data as per the requirement.