The COMPARISON operators in MySQL

Comparison operators are used to test whether or not two expressions are the same.

Comparison operators can be used on all expressions except expressions of the **text** and **image** data type.

The table below shows a complete list of comparison operators along with their definition.

OPERATORS	DEFINITION
= (Equals)	Compares two expressions for equality and returns a *Boolean* value.
> (Greater than)	Compares two expressions and if the right operand is greater than the left operand, then a TRUE value is returned.
< (Less than)	Compares two expressions and if the right operand is less than the left operand, then a TRUE value is returned.
>= (Greater than or equals to)	Compares two expressions for greater than or equals to a specified value and accordingly, returns a *Boolean* value.
<= (Less than or equals to)	Compares two expressions for less than or equals to a specified value and returns a *Boolean* value.
<> (Not equals to)	Compares two expressions and if the right operand is not equal to the left operand, then a TRUE value is returned.
!= (Not equals to)	Compares two expressions and if the right operand is not equal to the left operand, then a TRUE value is returned. (Not ISO standard)
!< (Not less than)	Compares two expressions and if the right operand is not less than the left operand, then a TRUE value is returned.
!> (Not Greater than)	Compares two expressions and if the right operand is not greater than the left operand, then a TRUE value is returned.

Run SQL query/queries on database **voting_system:** ⑦

```
SELECT * FROM standard_cars WHERE price = "90"
```

The equals (=) operator

←T→	ID	Cars	Name	Size	Price
☐ ✎ ✗	23	[BLOB - 30B]	Range Rover	4	90

↰ Check All / Uncheck All With selected: ✎ ✗ 📋

Run SQL query/queries on database **voting_system:** ⑦

```
SELECT * FROM standard_cars WHERE price <> 90
```

The Not equal to (<>) operator

←T→	ID	Cars	Name	Size	Price
☐ ✎ ✗	19	[BLOB - 33B]	Mercedes	4	30
☐ ✎ ✗	20	[BLOB - 42B]	Alfa Romeo	4	20
☐ ✎ ✗	21	[BLOB - 39B]	Bentley	4	50
☐ ✎ ✗	22	[BLOB - 43B]	Roll Royce	4	65
☐ ✎ ✗	24	[BLOB - 30B]	Mercedes	4	40
☐ ✎ ✗	25	[BLOB - 39B]	Mercedes C	4	35

↰ Check All / Uncheck All With selected: ✎ ✗ 📋