

Relational Operators in C

The relational operator is used to compare two values, for example compare two items price. these comparisons can be done with the help of relational operators. the following list and explain the all relational operator in to details.

Sr.No	Options	Descriptions
01	<	Is less than
02	<=	Is less than or equal to
03	>	Is greater than
04	>=	Is greater than or equal to
05	==	Is equal to
06	!=	Is not equal to

Is less than (<)

This operator is used to compare value is less than or not, the following syntax and example.

Syntax

```
value1 < value2
```

Example

```
10 < 20
```

Is less than or equal to (<=)

This operator is used to compare value is less than or equal to, the following syntax and example.

Syntax

```
value1 <= value2
```

Example

```
10 <= 10
```

Is greater than (>)

This operator is used to compare value is greater than or not, the following syntax and example.

Syntax

```
value1 > value2
```

Example

```
10 > 20
```

Is greater than or equal to (>=)

This operator is used to compare value is greater than or equal to,the following syntax and example.

Syntax

```
value1 >= value2
```

Example

```
10 >= 20
```

Is equal to (==)

This operator is used to compare value is equal or not,the following syntax and example.

Syntax

```
value1 == value2
```

Example

```
10 == 10
```

Is not equal to (!=)

This operator is used to check value Is not equal,the following syntax and example.

Syntax

```
value1 != value2
```

Example

```
10 != 20
```

Example of Relational Operators

```
#include

int main()
{
    int a=20,b=10;
    if (a == b)
    {
        printf("A and B are Equal");
    }
    else
    {
        printf("A and B are Not Equal");
    }
}
```

Output

A and B are Not Equal