

Relational Operator

- Used to compare two values.
- during comparison, left operand is compared with right operand.
- generates boolean result i.e, True, or False.

(i) Greater than ($>$) \rightarrow Returns True if left operand is greater than right operand, otherwise returns False.

e.g.

$4 > 9$	False
$20 > 5$	True

(ii) Less than ($<$) \rightarrow It returns True if left operand is less than right operand otherwise returns False.

e.g.

$95 < 120$	True
$25 < 10$	False

(iii) Equals to ($==$) \rightarrow It returns True if both operands are equal, otherwise returns False.

e.g.

$20 == 20$	True
$30 == 20$	False

(iv) Greater than or equals to (\geq) \rightarrow It returns True either left operand is greater or equals to right operand otherwise returns False.

<u>E.g.</u>	$45 \geq 20$	True
	$90 \geq 90$	True
	$49 \geq 85$	False

(v) Less than or equals to (\leq) \rightarrow It returns True if left operand is either less than or equals to right operand otherwise returns False.

<u>E.g.</u>	$89 \leq 120$	True
	$49 \leq 49$	True
	$87 \leq 67$	False

(vi) Not equals to (\neq) \rightarrow It returns True if both operands are not equal to each other, otherwise returns False.

<u>E.g.</u>	$25 \neq 45$	True
	$89 \neq 89$	False