Comparison Operators

Operator	Condition	true	false
a == b	**a** and **b** have the same value	2 + 3 == 5	1 == 7
a != b	**a** and **b** have different values	3.5f != 4.4f	3.0f != 3.0f
a < b	**a** is smaller than **b**	2 < 3	5 < 4
a > b	**a** is larger than **b**	5 > 4	2 > 3
a <= b	**a** is smaller or equal to **b**	2 <= 2	7 <= 2
a >= b	**a** larger or equal to **b**	3 >= 3	2 >= 7

Combining multiple Conditions

Operator	Condition	true	false
a && b	**a** and **b** both must be true	true && true	true && false false && true false && false
a || b	Either **a** or **b** must be true	true || true true || false false || true	false || false