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[Compound Operators]

Description

Decrements the value of a variable by 1.

Syntax

x--; // decrement x by one and returns the old value of x  
--x; // decrement x by one and returns the new value of x

Parameters

x: variable. Allowed data types: int, long (possibly unsigned).

Returns

The original or newly decremented value of the variable.

Example Code

x = 2;

y = --x; // x now contains 1, y contains 1

y = x--; // x contains 0, but y still contains 1