CGS 3066: Spring 2015

Operator Precedence

October 20, 2016

- Operator precedence determines the order in which operators are evaluated. Operators with higher precedence are evaluated first.
- Associativity determines the order in which operators of the same precedence are processed (left to right or the other way round)
- The following table is ordered from highest (20) to lowest (0) precedence.

Precedence	**Operators**	**Associativity**
20	() Grouping	
19	. Member Access [] Array access	left to right left to right
18	() Function Call	left to right
17	++, – postfix	
16	! (Logical NOT) - Unary Minus ++, – Prefix	right to left right to left
15	** Exponentiation	right to left
14	* / %	left to right left to right left to right
13	+ -	left to right left to right
11	<, >, <= , >= ,	left to right
10	==, !=, ===, !==	left to right
6	&& (logical)	left to right
5	|| (logical)	left to right
3	=, +=, -=, *=, /=, %=	right to left