**Precedence & Associativity of operators**

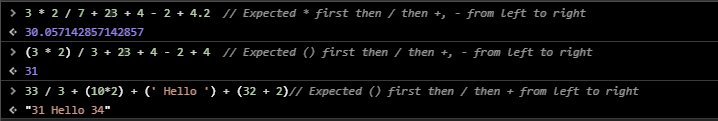
**Precedence:** is a number tells us which operator should be executed first before the other while evaluating a given expression.

**Associativity:** the direction of executing the same operator, when found it several times within the expression.

**Precedence & Associativity of operators table:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Precedence level** | **Precedence** | **operators** | **Associativity** |
| **1** | **P: parenthesis** | **()** | **Left to right** |
| **2** | **U: unary** | **++,--,!,~, delete, new, typeof** | **Right to left** |
| **3** | **M: Multiplicative** | **\*, /, %** | **Left to right** |
| **4** | **A: Addison** | **+,-** | **Left to right** |
| **5** | **S: Shift** | **<<, >>** | **Left to right** |
| **6** | **R: Relational** | **<, > ,<=, >=** | **Left to right** |
| **7** | **E: Equality** | **==, ===, !=, !==** | **Left to right** |
| **8** | **B: Bitwise** | **&, |, ^** | **Left to right** |
| **9** | **L: Logical** | **&&, ||** | **Left to right** |
| **10** | **C: Conditional** | **?:** | **Left to right** |
| **11** | **A: Assignment** | **=, +=, -=, /=, \*=, %=** | **Right to left** |
| **12** | **C: Comma** | **,** | **Left to right** |

**Example:**

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