**Lab Manual Course**

**Programming Fundamentals Lab (CL1002)**

**Semester: BCS Semester**

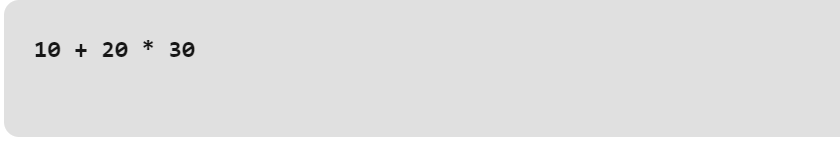
**Engr. Zakria Bacha**

**Week: 3**

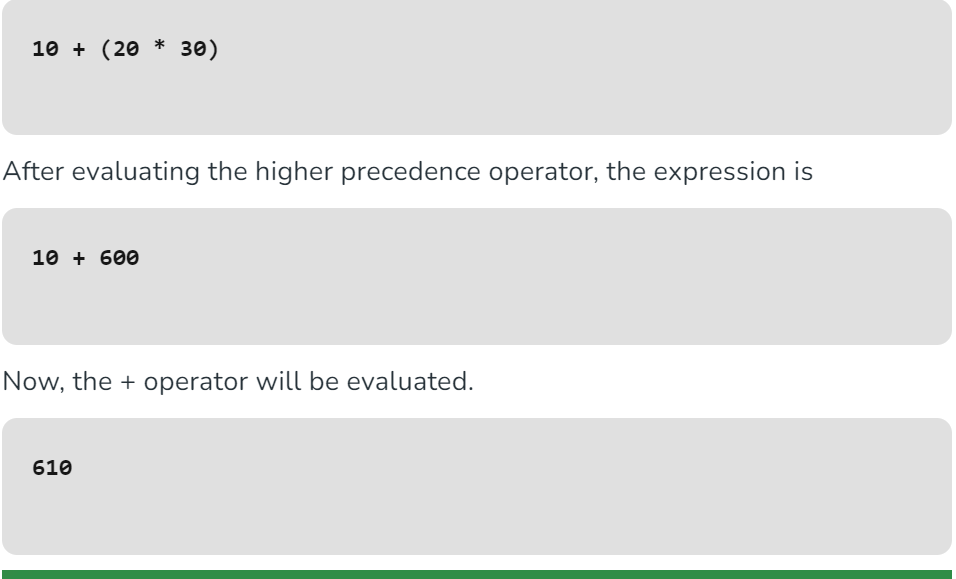
**Operator Precedence & Associativity in C:**

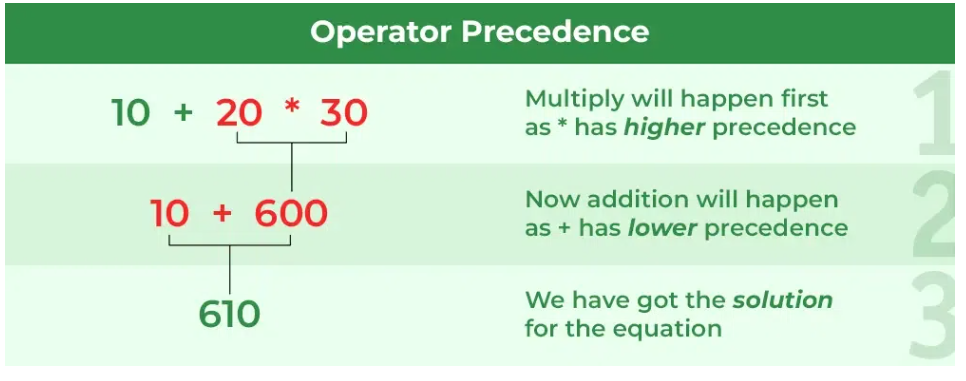
The concept of operator precedence and associativity in C helps in determining which operators will be given priority when there are multiple operators in the expression.

**Example:**



The expression contains two operators, + (plus), and \* (multiply). According to the given table, the \* has higher precedence than + so, the first evaluation will be

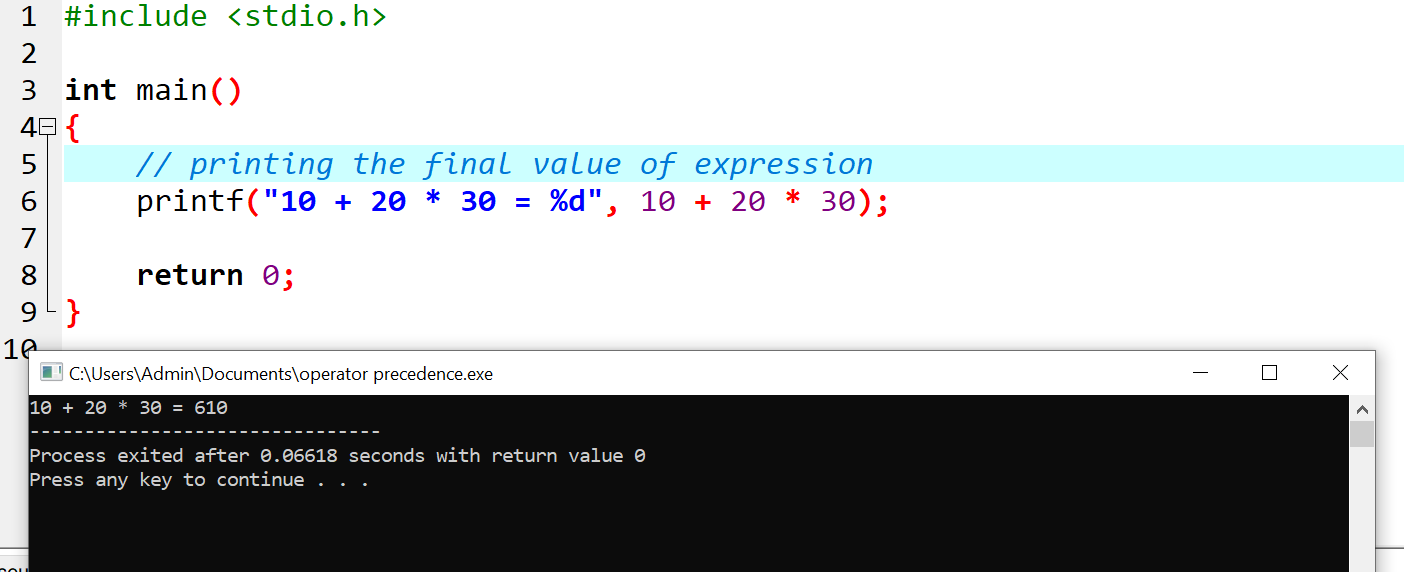




Let’s implement this in C language using Dev IDE.

C

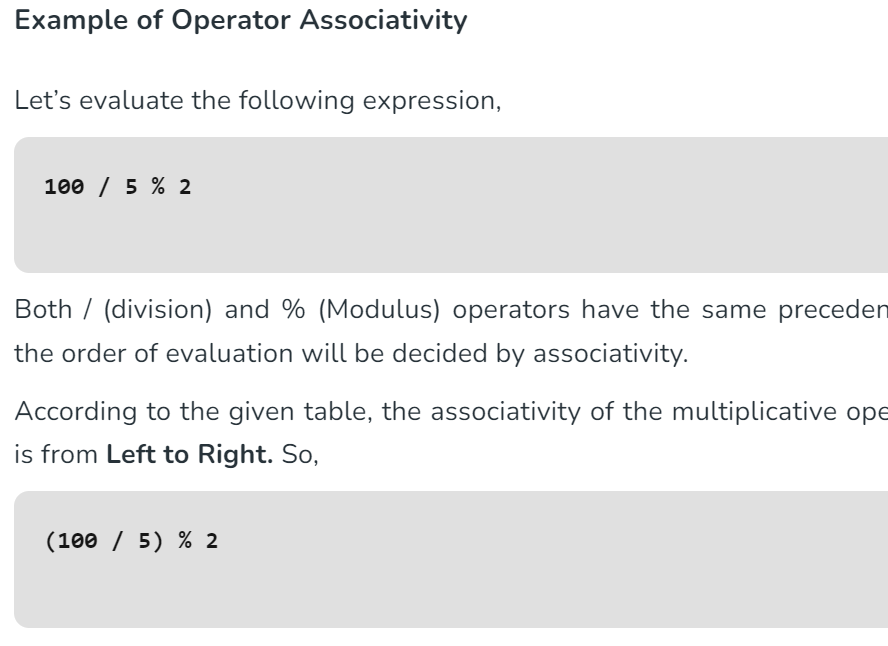
// C Program to implement simple program of operator precedence

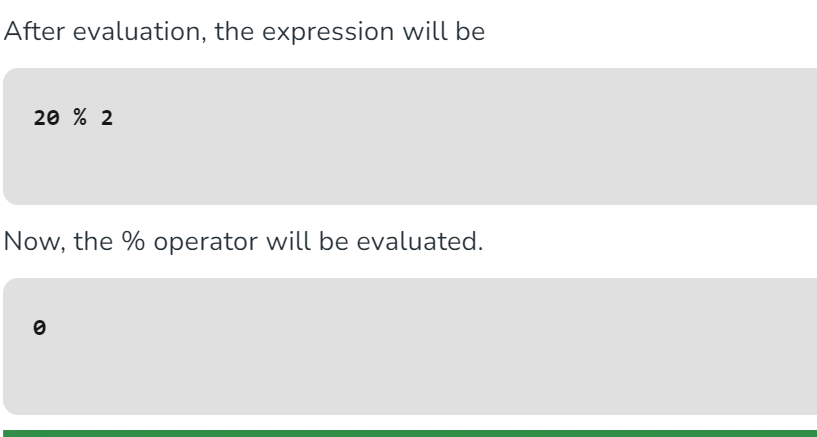


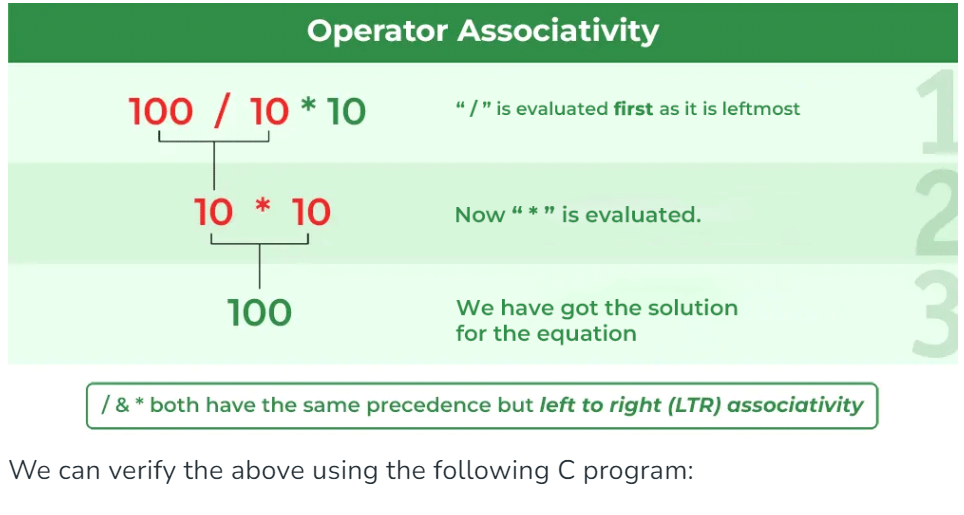
**Operator Associativity**

**Operator associativity** is used when two operators of the same precedence appear in an expression. Associativity can be either from **Left to Right or Right to Left.**

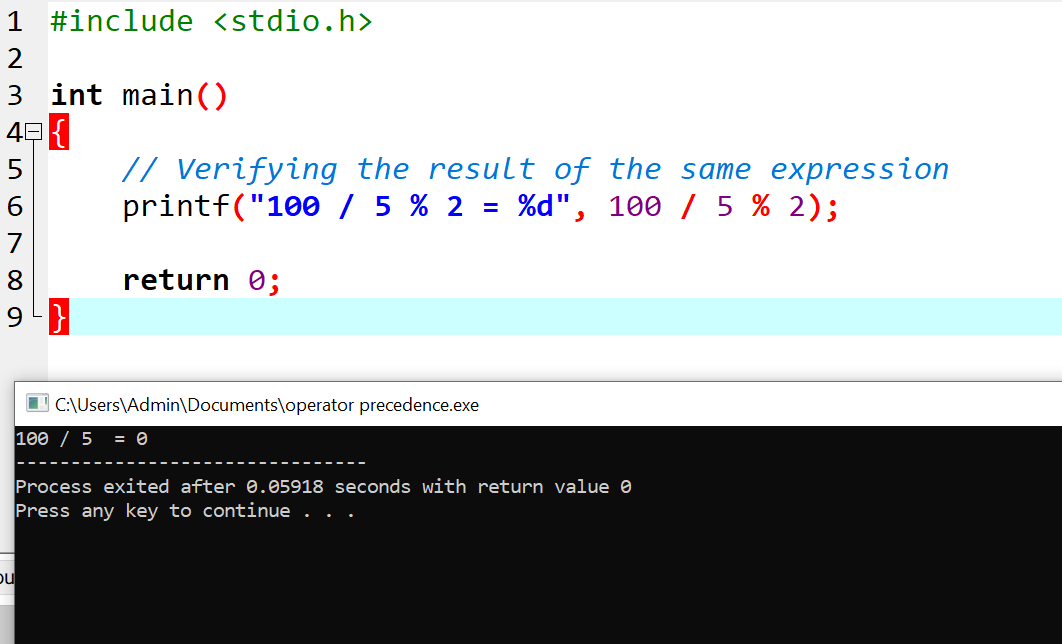
**Int expression = 10\*20\*30\*40\*5;**







**C code in Dev C++:**



**Table of Operators ( Precedence + Associativity:**

