

Panday (8)

Order of Precedence: The rules that define the sequence in which operators are evaluated in an expression.

Operators and the precedence:

* Parenthesis ($()$):

* Multiplication ($*$), Division ($/$), Modulus ($\%$).

* Addition ($+$), Subtraction ($-$).

* Assignment ($=$).

Algorithm:-

1. Start the program with the expression $(3 * 4 / 2 \% 5) + 5 - 2$.
2. Evaluate the Parenthesis $()$ first.
3. Within the parenthesis, evaluate the multiplication $*$, division $/$ and modulus $\%$ from left to right.
4. Add the result to 5 and Subtract 2.
5. Print the final Result.