

In programming, **operator precedence** is the order in which operators are evaluated in an expression. It is similar to the order of operations in mathematics. When an expression contains multiple operators, the operator with the highest precedence is evaluated first.

Arithmetic expression in Python:

```
a = 5 + 3 * 2 - 1
```

The same arithmetic expression in Python would be evaluated as follows:

```
a = 5 + (3 * 2) - 1
```

First, $3 * 2$ is evaluated, resulting in 6. Then, $5 + 6$ is evaluated, resulting in 11. Finally, $11 - 1$ is evaluated, resulting in 10. Therefore, the value of `a` is 10.