

Expressions in Python

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- Example: `x = 10 + 5`

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 - `2 ** 4`

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 - $15 \% 4$
 - $5 + 3 * 2 - 1$

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 - $(8 - 3) * 2$

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Theory Behind Expressions

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 - P: Parentheses
 - E: Exponentiation
 - MD: Multiplication and Division (left to right)
 - AS: Addition and Subtraction (left to right)
- Floor division (`//`) rounds down to the nearest integer.

Python Code Listing for Expressions

The following Python code evaluates each expression and prints the result:

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- `print(10 + 5 * 2) # Output: 20`
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-

- Python expressions evaluate to a value.

Summary

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- Operators follow precedence rules.

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- Operators follow precedence rules.
- Expressions can be mathematical or string-based.

- Python Documentation: <https://docs.python.org/3/>

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- Python Programming Notes

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