codecademy

Cheatsheets / **Learn Python 3**

Syntax

TOPICS	⌄

Comments

A comment is a piece of text within a program that is not executed. It can be used to provide additional information to aid in understanding the code.

The `#` character is used to start a comment and it continues until the end of the line.

```python
# Comment on a single line

user = "JDoe" # Comment after code
```

Arithmetic Operations

Python supports different types of arithmetic operations that can be performed on literal numbers, variables, or some combination. The primary arithmetic operators are:

- `+` for addition
- `-` for subtraction
- `*` for multiplication
- `/` for division
- `%` for modulus (returns the remainder)
- `**` for exponentiation

```python
# Arithmetic operations

result = 10 + 30
result = 40 - 10
result = 50 * 5
result = 16 / 4
result = 25 % 2
```