

Operators

This lesson highlights the different types of operators in Python.

Operators are used to perform *arithmetic* and *logical* operations on data. They enable us to manipulate and interpret data to produce useful outputs.

Operators are represented by characters or special keywords.

In general, Python's operators follow the **in-fix** or **prefix** notations.

In-fix operators appear between two **operands** (values on which the operator acts) and hence, are usually known as **binary** operators:



A **prefix** operator usually works on one operand and appears before it. Hence, prefix operators are known as **unary** operators:



The 5 main operator types in Python are:

- arithmetic operators
- comparison operators
- assignment operators
- logical operators
- bitwise operators

In the following lessons, we will study them one by one.

