

Operators in Python

Harish D. Gadade
www.harishgadade.com

A decorative graphic in the bottom right corner consisting of a light blue square with a white diagonal line from the top-left to the bottom-right, creating a folded corner effect.

Operators

- Arithmetic Operators
 - a. Unary Operator
 - b. Binary Operator
- Comparison Operators
- Assignment Operators
- Logical Operators
- Membership Operators
- Identity Operators

Operators

- Arithmetic Operators :
 - a. Unary Operator: `+`, `-`, `~`
 - b. Binary Operator : `+`, `-`, `*`, `/`, `**`, `%`, `//`

Operators

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 - a. Unary Operator: `+`, `-`, `~`
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- **Examples:**
 - Write a program to calculate square and cube using `*` operator
 - Write a program to read a temperature in Celsius and convert it into Fahrenheit [Hint: $F = (9/5) * Celsius + 32$]

Operators

- **Home Work:**

- Write a program to calculate the distance between two points.
- Write a program to reverse a four digit number.
- Write a program to display the following table

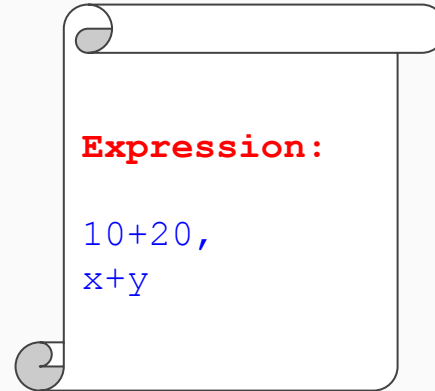
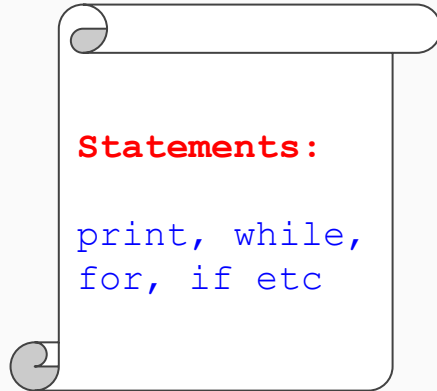
X	Y	Result
10	2	100
10	3	1000
10	4	10000
10	5	100000

Operators

- Arithmetic Operators :
 - a. Unary Operator: `+`, `-`, `~`
 - b. Binary Operator : `+`, `-`, `*`, `/`, `**`, `%`, `//`
- Comparison Operators : `==`, `!=` or `<>`
- Assignment Operators : `=`, `+=`, `-=`, `*=`, `/=`, `%=`, `**=`, `//=`
- Logical Operators : `and`, `or`, `not`
- Membership Operators : `in`, `not in`
- Identity Operators: `is`, `is not`

Statement and Expression

- **Statement:** An instruction that can be interpreted by the Python Interpreter
- **Expression:** A expression is a combination of variables, operators, values and a reserve keywords



String Operations

- Concatenation
- Repetition
- Get Particular character
- Slicing

