

PythonString format() Method

The **format()** method formats the specified value(s) and inserts them inside the string's placeholder. The placeholder is defined using curly brackets: **{ }**. The **format()** method returns the formatted string.

Syntax

String.format(value1, value2, . . .)

Parameter	Decription
<i>Value1, value2, ...</i>	Required. One or more values that should be formatted and inserted in the string. The value can be a number specifying the position of the element you want to remove. The values are either a list of values separated by commas, key = value list, or a combination of both. The value can be of any data type.

Placeholder

The placeholder can be identified using named indexes **{price}**, numbered indexes **{0}**, or even an empty placeholder **{ }**.

Examples:

```
text1 = "My name is {fname}, I'm {age}".format(fname = "John", age = 36)
```

```
text2 = "My name is {0}, I'm {1}".format("John", 36)
```

```
text3 = "My name is { }, I'm { }".format("John", 36)
```

Formatting Types

Inside the placeholder you can add a formatting type to format the result.

Formatting Type	Description
:<	Left aligns the result (within the available space)
:>	Right aligns the result (within the available space)
:^	Center aligns the result
:=	Place the sign to the left most position
:+	Use a plus sign to indicate if the result is positive or negative
:−	Use a minus sign for negative values only
:	Use a space to insert an extra space before positive numbers (and a minus sign before negative numbers)
:,	Use a comma as a thousand separator
:_	Use an underscore as a thousand separator
:b	Binary format
:c	Converts the value into the corresponding Unicode character
:d	Decimal format
:e	Scientific format, with a lower case e
:E	Scientific format, with an upper case E
:f	Fix point number format
:F	Fix point number format, in upper case format
:g	General format
:G	General format (using an upper case E for scientific notation)
:o	Octal format
:x	Hex format, lower case
:X	Hex format, upper case
:n	Number format
:%	Percentage format