

Python functions are user defined

Besides the built-in Python functions, you can also define Python functions yourself, these functions are called user-defined functions (Python). What are the benefits of using these self-defined functions, the best way to define functions in Python, we'll learn in this Python lesson.

Besides the built-in Python functions, you can also define Python functions yourself, these functions are called user-defined functions (Python). What are the benefits of using these self-defined functions, how to define functions in Python, we will learn in this Python lesson.

What is the user-defined Python function?

The functions that we define ourselves to perform specific tasks are called user-defined functions. The function definition and function call are mentioned in the Python function.

The functions available in Python are called integrated functions. If we use functions written by other users in the form of a library, these functions are called library functions. Thus, the function we define can become a library function for certain users.

Advantages when using user-defined Python functions

1. User-defined functions help analyze a large program into small pieces, making it easier to understand, maintain, and debug.
2. When a code is repeated in the program, it is possible to use the function to gather this code and run it as needed by calling the function.
3. Developers work on a large project, which can divide each other's work by creating different functions.

Example of user-defined function

To define a function, you know when you learn about the Python function overview. Here, I will repeat the basic syntax when defining a function:

```
def ten_ham (DoiSo1, DoiSo2, ., DoiSon)
    function block of the function
```

For example:

```
def them_so (a, b):
    tong = a + b
```

```
return tong

so1 = 5
so2 = 6
so3 = int (input ("Enter a number:"))
so4 = int (input ("Enter some more:"))

print ("The first two numbers are:", them_so (so1, so2))

print ("The sum of the following two numbers is:", them_so (so3, so4))
```

In the above example, the `int ()`, `input ()`, and `print ()` functions are built-in functions in Python. Here, we define the `them_so ()` function, whose function is to add two numbers, sum the two numbers and return the result. The output of this program is as follows:

```
Enter a number: 8
Enter another number: 10
The first two numbers are: 11
The sum of the following two numbers is: 18
```

Naming functions by function or task will make it easier for the reader to understand, you should practice this when code.

Python Exercises: More than 100 Python exercises have solutions (sample code)

Next lesson: Python function parameter

Previous article: Built-in Python functions

You finished reading the article "**Python functions are user defined**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.