

Bin () function in Python

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Python () function syntax (Python):

```
bin(num)
```

Parameters of bin () function:

The bin () function has only one parameter, num, ie the integer that takes the binary string. If the parameter is not an integer, it must execute the __index __ () method to return an integer.

What value does bin () return?

The bin () function returns a corresponding binary string of a given integer. Without specifying an integer, TypeError will be generated, highlighting the data type that is not understood as an integer.

Example of bin function ()

```
# Ví dụ 1: Lấy chuỗi nhị phân của số nguyên
so = 10
print('Chuỗi nhị phân của ', so, ' là: ', bin(so))

# Ví dụ 2: Dùng __index__() ?? chuyển n ??i t??ng So_luong sang nhị phân
class So_luong:
    hoa_hong = 5
    hoa_dao = 10
    hoa_sen = 15

    def __index__(sl):
        return sl.hoa_hong + sl.hoa_dao + sl.hoa_sen

print('Chuỗi nhị phân của So_luong là: ', bin(So_luong()))
```

After running the above program, we get the output as:

```
Chuỗi nhị phân của 10 là: 0b1010
Chuỗi nhị phân của So_luong là: 0b11110
```

From now on, whenever you need to get the binary value of a number or object, you just need to use the `bin ()` function to finish.

See more:

1. Built-in Python functions
2. More than 100 Python exercises have solutions (sample code)
3. The loop technique in Python

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