

PYTHON NUMBER CEIL METHOD

http://www.tutorialspoint.com/python/number_ceil.htm

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Description

The method **ceil** returns ceiling value of **x** - the smallest integer not less than x.

Syntax

Following is the syntax for **ceil** method:

```
import math

math.ceil( x )
```

Note: This function is not accessible directly, so we need to import math module and then we need to call this function using math static object.

Parameters

- **x** -- This is a numeric expression.

Return Value

This method returns smallest integer not less than x.

Example

The following example shows the usage of ceil method.

```
#!/usr/bin/python
import math # This will import math module

print "math.ceil(-45.17) : ", math.ceil(-45.17)
print "math.ceil(100.12) : ", math.ceil(100.12)
print "math.ceil(100.72) : ", math.ceil(100.72)
print "math.ceil(119L) : ", math.ceil(119L)
print "math.ceil(math.pi) : ", math.ceil(math.pi)
```

When we run above program, it produces following result:

```
math.ceil(-45.17) :  -45.0
math.ceil(100.12) :  101.0
math.ceil(100.72) :  101.0
math.ceil(119L) :   119.0
math.ceil(math.pi) :   4.0
```

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