PYTHON NUMBER LOG METHOD

Description

The method **log** returns natural logarithm of x, for x > 0.

Syntax

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

```
import math

math.log( 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 natural logarithm of x, for x > 0.

Example

The following example shows the usage of log method.

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

print "math.log(100.12) : ", math.log(100.12)
print "math.log(100.72) : ", math.log(100.72)
print "math.log(119L) : ", math.log(119L)
print "math.log(math.pi) : ", math.log(math.pi)
```

When we run above program, it produces following result:

```
math.log(100.12) :  4.60636946656
math.log(100.72) :  4.61234438974
math.log(119L) :  4.77912349311
math.log(math.pi) :  1.14472988585
```