

## Calculate Logarithm with Python math module

Wednesday, 08 February 2012

Last Updated Wednesday, 08 February 2012

To calculate logarithm using Python we will use math module:

```
python
Python 2.7.2 (default, Feb 7 2012, 13:30:22)
[GCC 4.2.1 Compatible FreeBSD Clang 3.0 (branches/release_30 142614)] on freebsd9
Type "help", "copyright", "credits" or "license" for more information.
>>>
>>>
>>> import math
>>> print math
<module 'math' from '/usr/local/lib/python2.7/lib-dynload/math.so'>
>>>
>>>
>>> print math.log
<built-in function log>
>>>
>>> math.log(10,5)
1.4306765580733933
```

In previous example first parameter (10) to math.log is the value to calculate, and second parameter is the base (which is 5 in our example).