

Python - Command Line Arguments

Sample of how to use Python - Command Line Arguments:

The Python sys module provides access to command-line arguments via ***sys.argv***. This allows use access

- the list of command-line arguments via ***sys.argv*** and
- count the number of command-line arguments by using ***len(sys.argv)***

Here sys.argv[0] is the program i.e. script name.

Sample code:

```
#!/usr/bin/env python

import sys

LengthofArray = len(sys.argv)
print 'The number of command line Arg is:',str(LengthofArray)

for counter in range(LengthofArray):
    print 'Command args number',counter,'is:',sys.argv[counter]
```

Example of output

```
student@itserver:~/itsa/python$ ./argexample.py one two three
The number of command line Arg is: 4
Command args number 0 is: ./argexample.py
Command args number 1 is: one
Command args number 2 is: two
Command args number 3 is: three
student@itserver:~/itsa/python$
```