



Command Line Arguments

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Command line arguments (sys.argv)



- They **sys** module in Python is one the module Which contains library code

What is sys.argv?

- sys.argv is the list of commandline arguments passed to the Python program.
- argv represents all the items that come along via the command line input
- Arguments are represented using array



How to use?



- import it (import sys)
- The first argument, `sys.argv[0]`, is always the name of the program as it was invoked
- `sys.argv[1]` is the first argument you pass to the program

sys.exit([arg])

- Allows exit from python
 1. 0->Successful termination
 2. 2->command line syntax errors
 3. 1->all other kind of errors



Example

PROGRAM

```
import sys
print "This is the name of the script: ", sys.argv[0]
print "Number of arguments: ", len(sys.argv)
print "The arguments are: " , str(sys.argv)
```

OUTPUT

```
This is the name of the script: sysargv.py
Number of arguments in: 1
The arguments are: ['sysargv.py']
```



Thank You