The Pythonic Universe

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Listing 1: Python

```
>>> def hello():
...     print 'Hello, World!'
...     return 42
...
>>> hello()
Hello, World!
42
>>>
```

Listing 2: Shell

```
$ easy_install ...
```

Listing 3: Shell

```
$ easy_install pip  # ;)
$ pip install ...
$ pip uninstall ...
$ pip search ...
```

Listing 4: Shell

```
$ virtualenv ——distribute myenv
New python executable in myenv/bin/python2.7
Also creating executable in myenv/bin/python
Installing distribute ...................................
...................................................................
...................................................................
...done.
Installing pip ...............done.
$ . myenv/bin/activate
(myenv)natano@watschnbaum:~$
```

Listing 5: Python

```
$ ipython
In [1]: help?
Type:          _Helper
String Form:Type help() for interactive help, or
             help(object) for help about object.
File:          /usr/local/lib/python2.7/site.py
Definition: help(self, *args, **kwds)
Docstring:
Define the builtin 'help'.
This is a wrapper around pydoc.help (with a twist).
Call def:    help(self, *args, **kwds)

In [2]: help()
```

Online Resources

```
http://www.python.org/dev/peps/
https://pypi.python.org/pypi
http://learnpythonthehardway.org/
http://www.diveintopython.net/
```

Thx!