2018 Fall Python Study

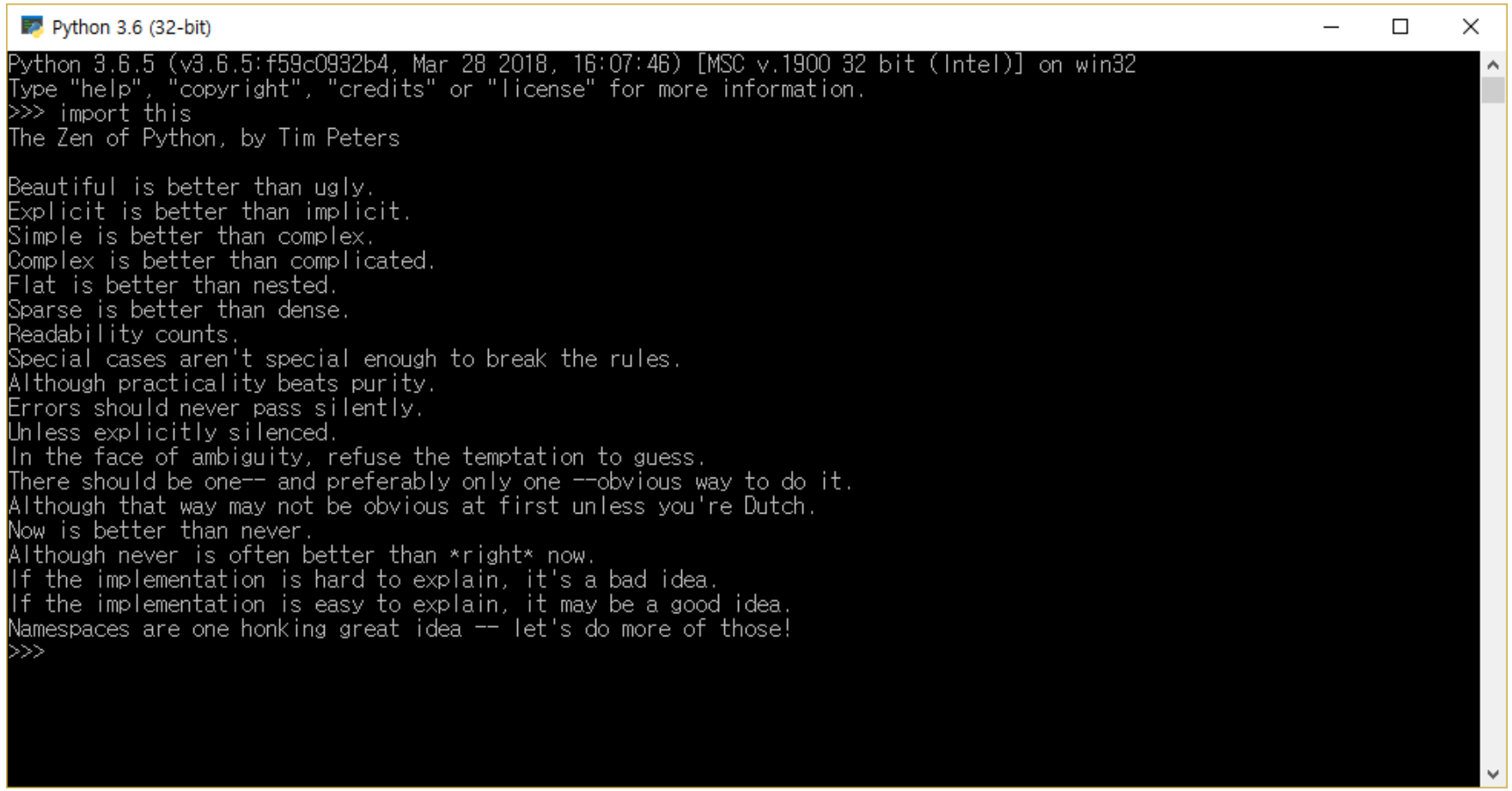
1. Python & PEP8

python

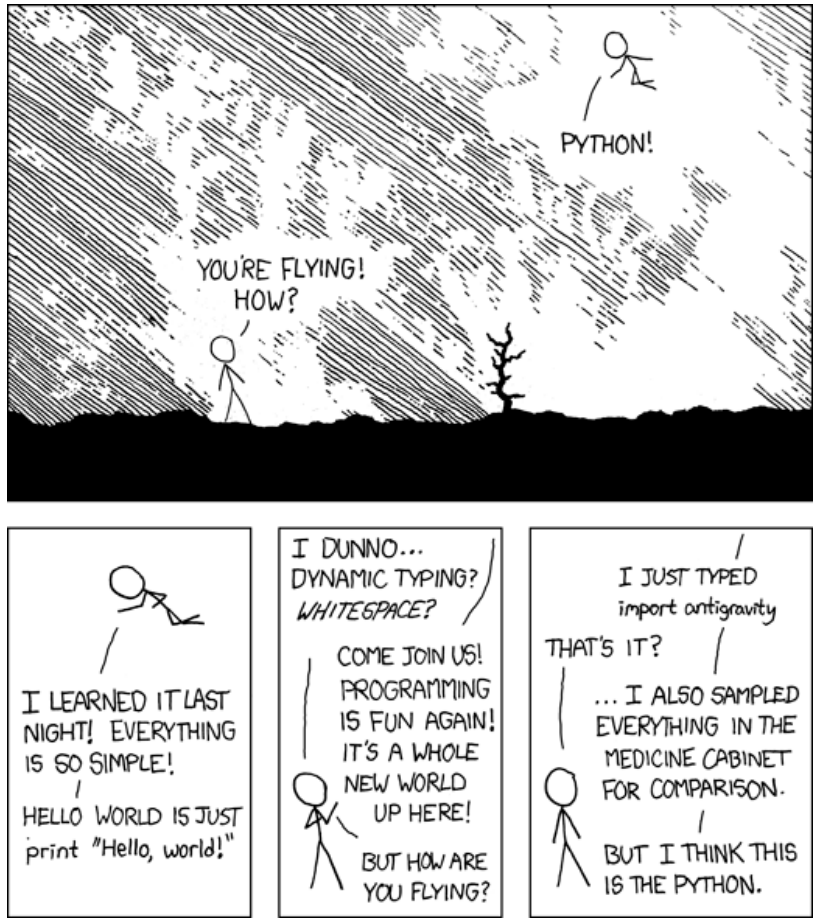
Life is short, You need Python.

디자인 철학

“ 가장 아름다운 하나의 답이 존재한다. ”


Python 3.6 (32-bit)
Python 3.6.5 (v3.6.5:f59c0932b4, Mar 28 2018, 16:07:46) [MSC v.1900 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import this
The Zen of Python, by Tim Peters
Beautiful is better than ugly.
Explicit is better than implicit.
Simple is better than complex.
Complex is better than complicated.
Flat is better than nested.
Sparse is better than dense.
Readability counts.
Special cases aren't special enough to break the rules.
Although practicality beats purity.
Errors should never pass silently.
Unless explicitly silenced.
In the face of ambiguity, refuse the temptation to guess.
There should be one-- and preferably only one --obvious way to do it.
Although that way may not be obvious at first unless you're Dutch.
Now is better than never.
Although never is often better than *right* now.
If the implementation is hard to explain, it's a bad idea.
If the implementation is easy to explain, it may be a good idea.
Namespaces are one honking great idea -- let's do more of those!
>>>

높은 생산성


PYTHON!
YOU'RE FLYING! HOW?
I LEARNED IT LAST NIGHT! EVERYTHING IS SO SIMPLE!
HELLO WORLD IS JUST print "Hello, world!"
I DUNNO... DYNAMIC TYPING? WHITESPACE?
COME JOIN US! PROGRAMMING IS FUN AGAIN! IT'S A WHOLE NEW WORLD UP HERE!
BUT HOW ARE YOU FLYING?
I JUST TYPED import antigravity
THAT'S IT?
... I ALSO SAMPLED EVERYTHING IN THE MEDICINE CABINET FOR COMPARISON.
BUT I THINK THIS IS THE PYTHON.

“ C언어로 2년 동안 완성하지 못한 프로젝트를

파이썬으로 한달만에 해냈다 ”

패키지

150,679 projects

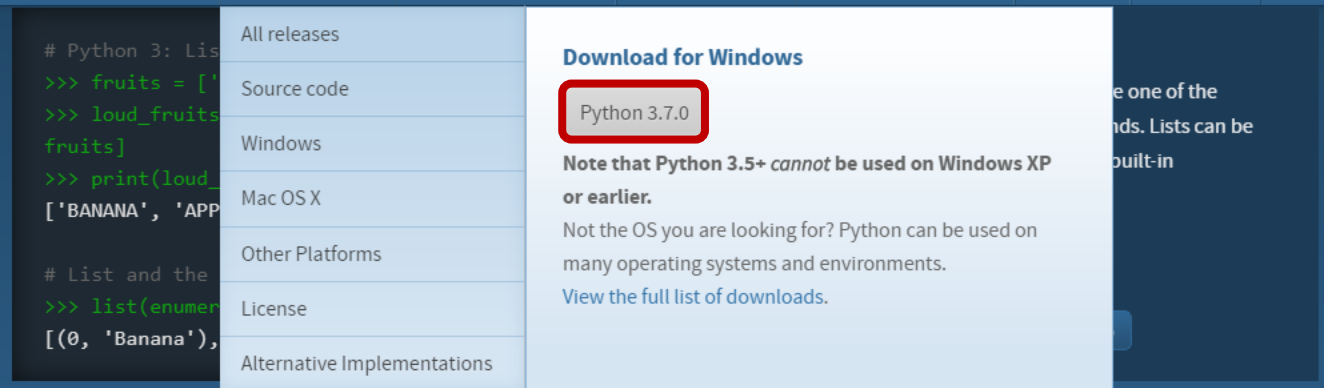
(2018. 08. 31. 16:12 기준)

단점?

왜 파이썬을 배우나요?

“ 설치! ”

https://www.python.org/



All releases
Source code
Windows
Mac OS X
Other Platforms
License
Alternative Implementations

Download for Windows

Python 3.7.0

Note that Python 3.5+ *cannot* be used on Windows XP or earlier.

Not the OS you are looking for? Python can be used on many operating systems and environments.

View the full list of downloads.

Python is a programming language that lets you work quickly and integrate systems more effectively. >>> Learn More

Get Started

Whether you're new to programming or an experienced developer, it's easy to learn and use Python.

Start with our Beginner's Guide

Download

Python source code and installers are available for download for all versions!

Latest: Python 3.7.0

Docs

Documentation for Python's standard library, along with tutorials and guides, are available online.

docs.python.org

Jobs

Looking for work or have a Python related position that you're trying to hire for? Our **relaunched community-run job board** is the place to go.

jobs.python.org

Latest News

>>> More

2018-08-02	Python 3.5.6 and Python 3.4.9 are now available. You can download ...
2018-06-28	Python 3.7.0 is now available (and so is 3.6.6)! On behalf of ...

Upcoming Events

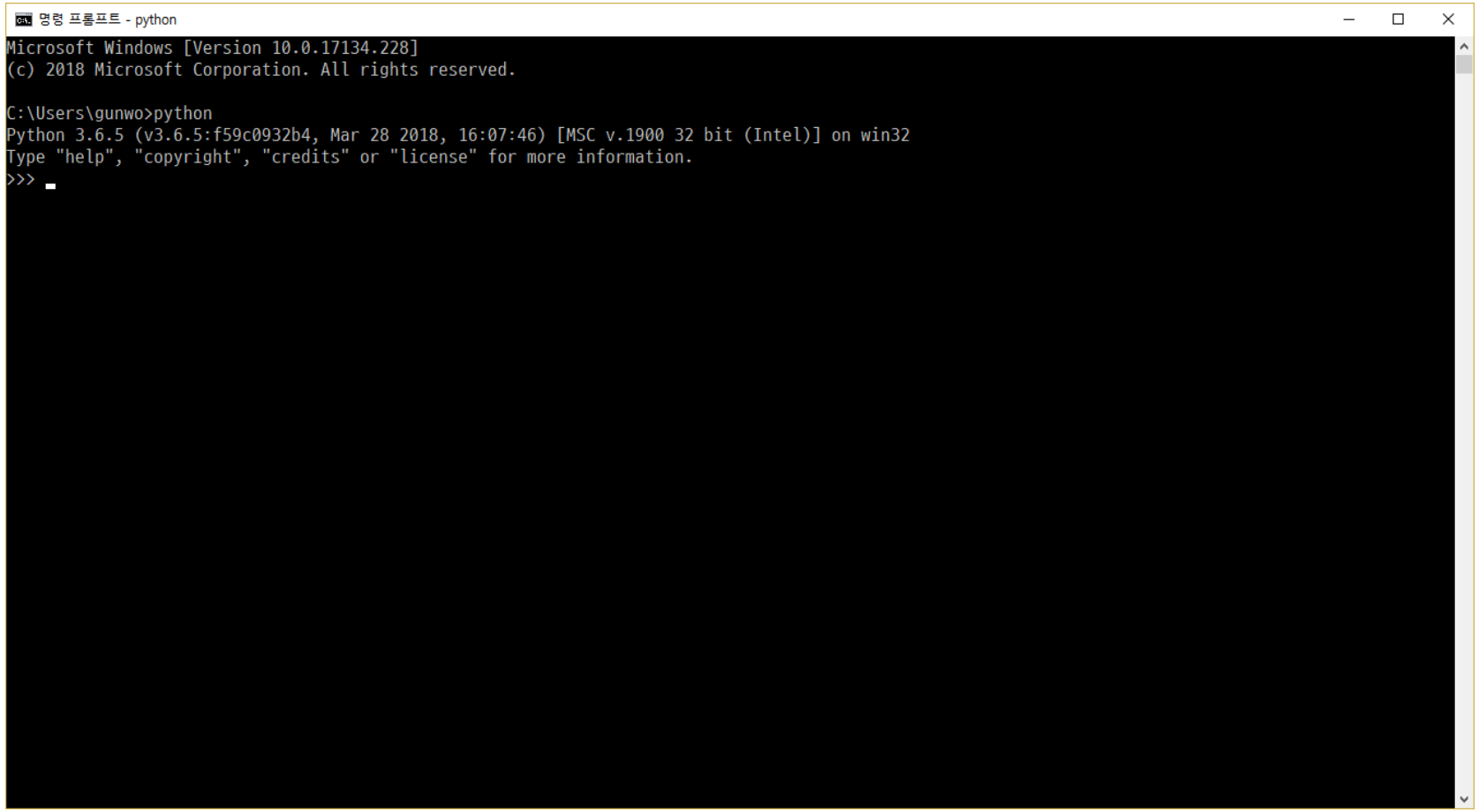
>>> More

2018-09-06	Django Girls Plateau
2018-09-13	PyCon Nigeria
2018-09-14	Django Girls Kwahu

LTS ? Pre-Releases ?

CMD or Terminal

```
> python
```


명령 프롬프트 - python
Microsoft Windows [Version 10.0.17134.228]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Users\gunwo>python
Python 3.6.5 (v3.6.5:f59c0932b4, Mar 28 2018, 16:07:46) [MSC v.1900 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>

간단한 출력을 하나 해봅시다!

```
>>> print("Hello world!")
```

01.py

설치 끝!

너무 날로 먹은 듯?

PEP

Python Enhancement Proposals
파이썬 향상 제안

https://www.python.org/dev/peps/

Tweets by @ThePSF

Python Software @ThePSF

If you have questions about @thepsf, current Board members & staff will be on Slack (channel TBD) all day on Sept 19 to answer them. Mark your calendars!

8h

Python Software @ThePSF

If you have questions about the use of the name "Python" or the Python logo, please see the PSF's Trademark Usage Policy at python.org/psf/trademarks. Variants of the logo are available at python.org/community/logos.

The Python Logo
The official home of the P...
python.org

12h

Python Software @ThePSF

Embed View on Twitter

The PSF

The Python Software Foundation is the organization behind Python. Become a member of the PSF and help advance the software and our mission

PEP 0 -- Index of Python Enhancement Proposals (PEPs)

PEP:	0
Title:	Index of Python Enhancement Proposals (PEPs)
Last-Modified:	2018-08-29
Author:	python-dev <python-dev at python.org>
Status:	Active
Type:	Informational
Created:	13-Jul-2000

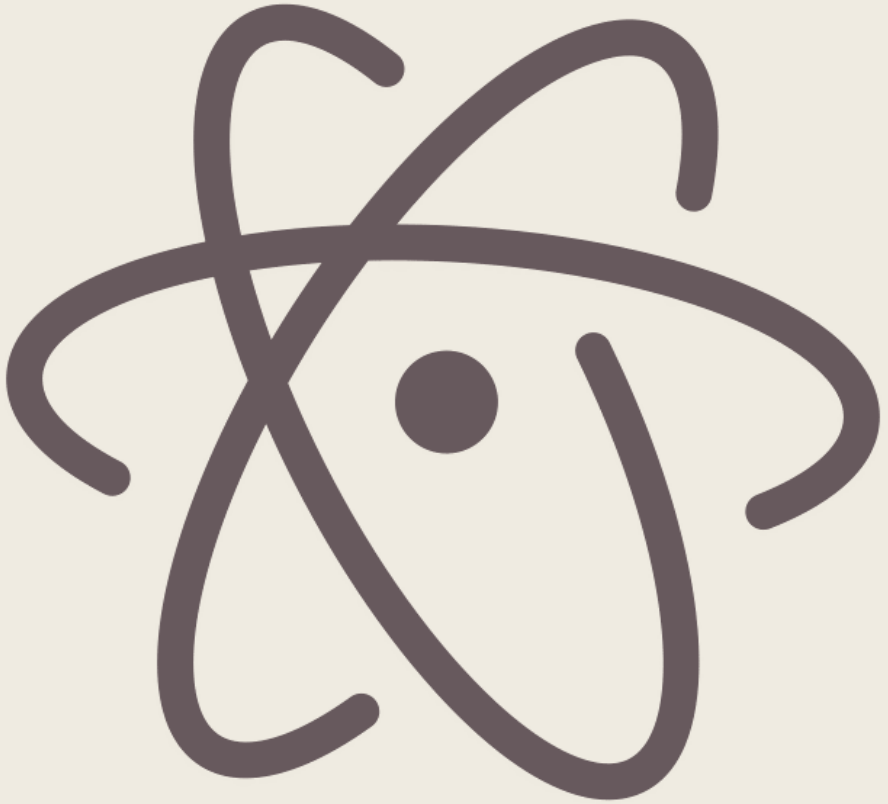
Contents

- Introduction
- Index by Category
  - Meta-PEPs (PEPs about PEPs or Processes)
  - Other Informational PEPs
  - Provisional PEPs (provisionally accepted; interface may still change)
  - Accepted PEPs (accepted; may not be implemented yet)
  - Open PEPs (under consideration)
  - Finished PEPs (done, with a stable interface)
  - Historical Meta-PEPs and Informational PEPs
  - Deferred PEPs (postponed pending further research or updates)
  - Abandoned, Withdrawn, and Rejected PEPs

PEP8

Style Guide for Python Code

https://bitbucket.org/sk8erchoi/peps-korean/src/767c779c164856af198a9d08d906a55b24652728/pep-0008.txt?at=default&fileviewer=file-view-default



https://atom.io/packages/linter-python-pep8