Fastcampus Computer Science SCHOOL
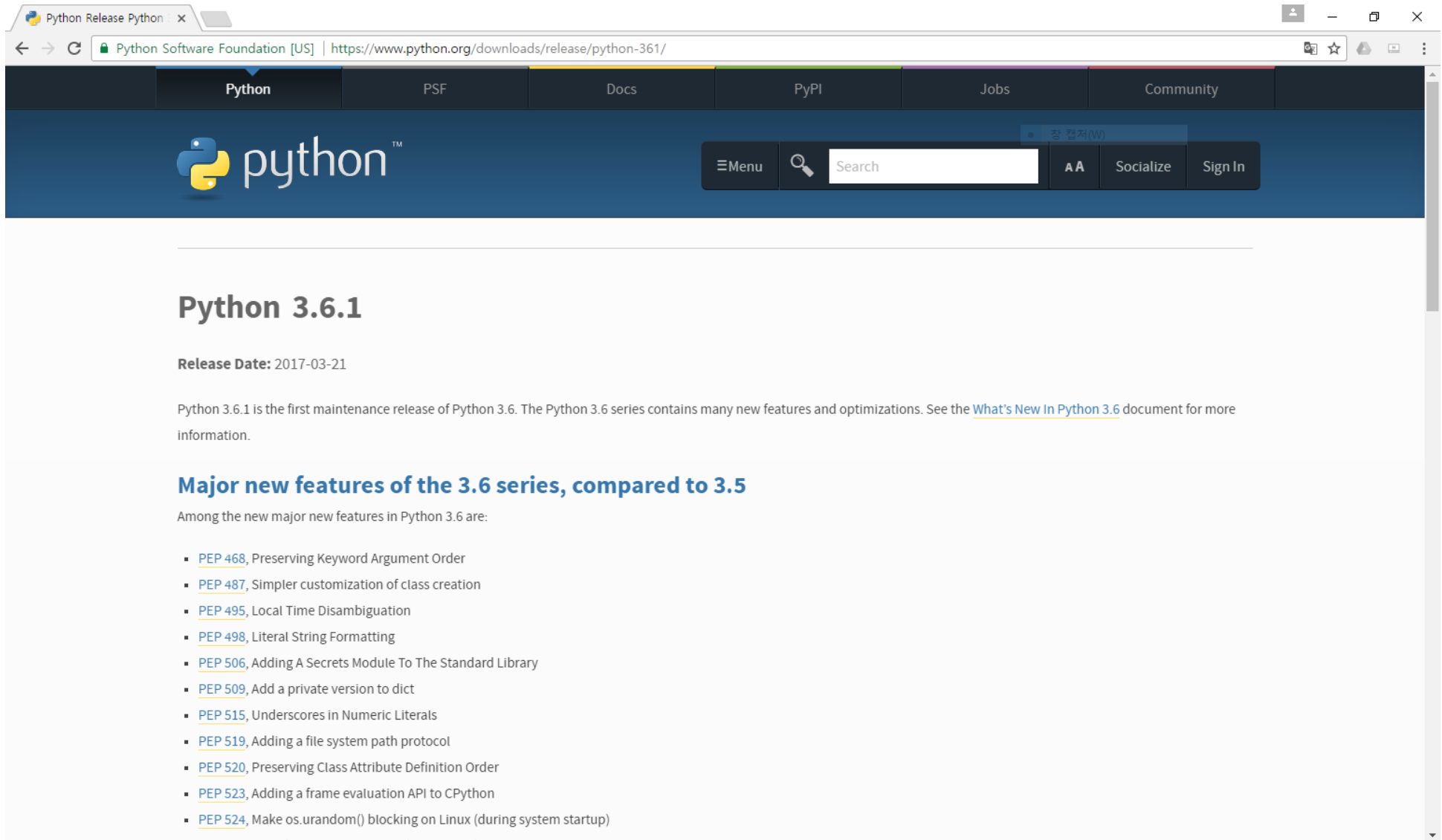
How to Install Python

How to Install Python

How to Install Python - Windows

How to Install Python – Windows

python download link

How to Install Python - Windows

click `windows x86-64 executable Installer`

Files

Version	Operating System	Description	MD5 Sum	File Size	GPG
Gzipped source tarball	Source release		2d0fc9f3a5940707590e07f03ecb08b9	22540566	SIG
XZ compressed source tarball	Source release		692b4fc3a2ba0d54d1495d4ead5b0b5c	16872064	SIG
Mac OS X 64-bit/32-bit installer	Mac OS X	for Mac OS X 10.6 and later	6dd08e7027d2a1b3a2c02cfacbe611ef	27511848	SIG
Windows help file	Windows		69082441d723060fb333dcda8815105e	7986690	SIG
Windows x86-64 embeddable zip file	Windows	for AMD64/EM64T/x64, not Itanium processors	708496ebbe9a730d19d5d288afd216f1	6926999	SIG
Windows x86-64 executable installer	Windows	for AMD64/EM64T/x64, not Itanium processors	ad69fdacde90f2ce8286c279b11ca188	31392272	SIG
Windows x86-64 web-based installer	Windows	for AMD64/EM64T/x64, not Itanium processors	a055a1a0e938e74c712a1c495261ae6c	1312520	SIG
Windows x86 embeddable zip file	Windows		8dff09a1b19b7a7dcb915765328484cf	6320763	SIG
Windows x86 executable installer	Windows		3773db079c173bd6d8a631896c72a88f	30453192	SIG
Windows x86 web-based installer	Windows		f58f019335f39e0b45a0ae68027888d7	1287064	SIG

| About	Downloads	Documentation	Community	Success Stories	News
Applications	All releases	Docs	Diversity	Arts	Python News
Quotes	Source code	Audio/Visual Talks	Mailing Lists	Business	Community News
Getting Started	Windows	Beginner's Guide	IRC	Education	PSF News
Help	Mac OS X	Developer's Guide	Python Conferences	Engineering	PyCon News
Python Brochure	Other Platforms	FAQ	Special Interest Groups	Government	
	License	Non-English Docs	Python Wiki	Scientific	Events
Contributing	Alternative Implementations	PEP Index	Python Logo	Software Development	Python Events

How to Install Python - Windows

enable `Add Python 3.6 to PATH` and click `Customize installation`
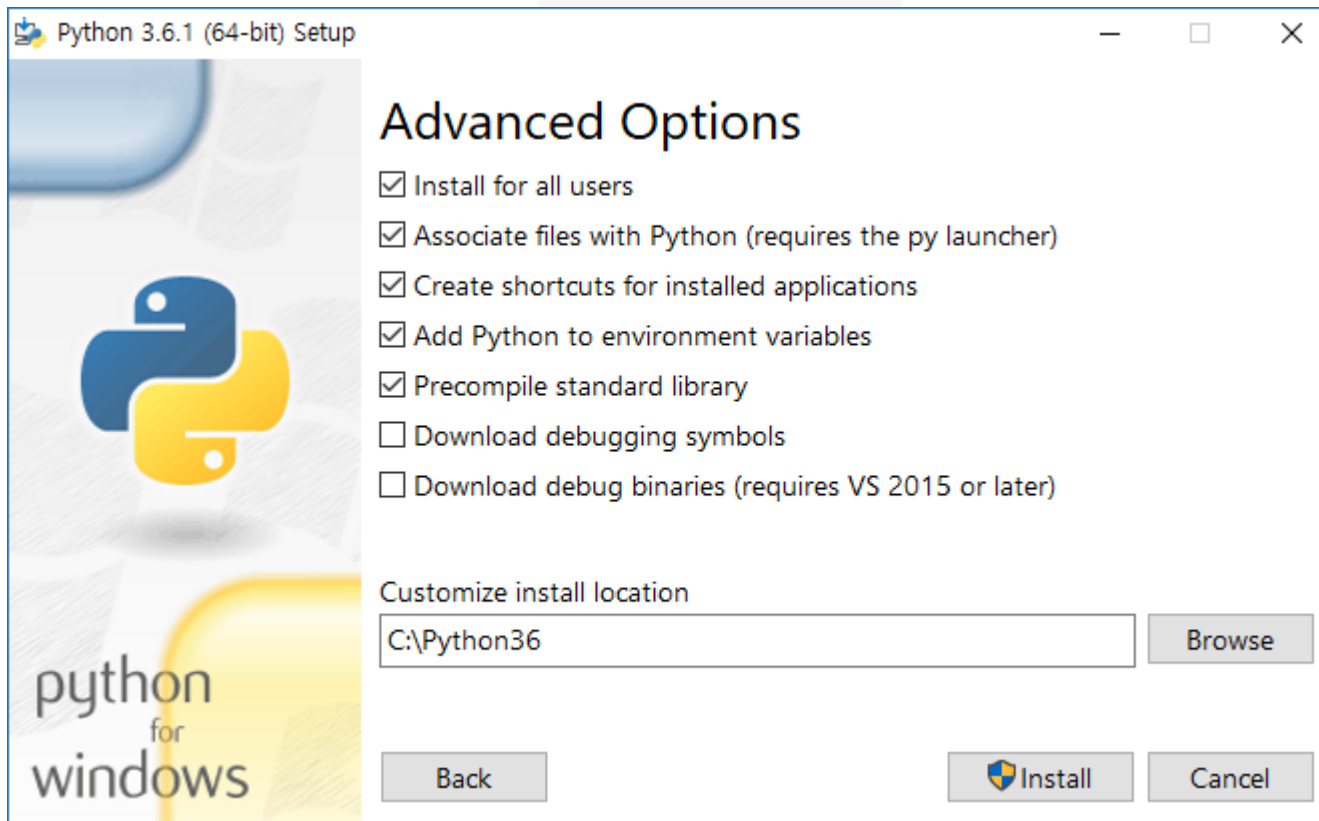
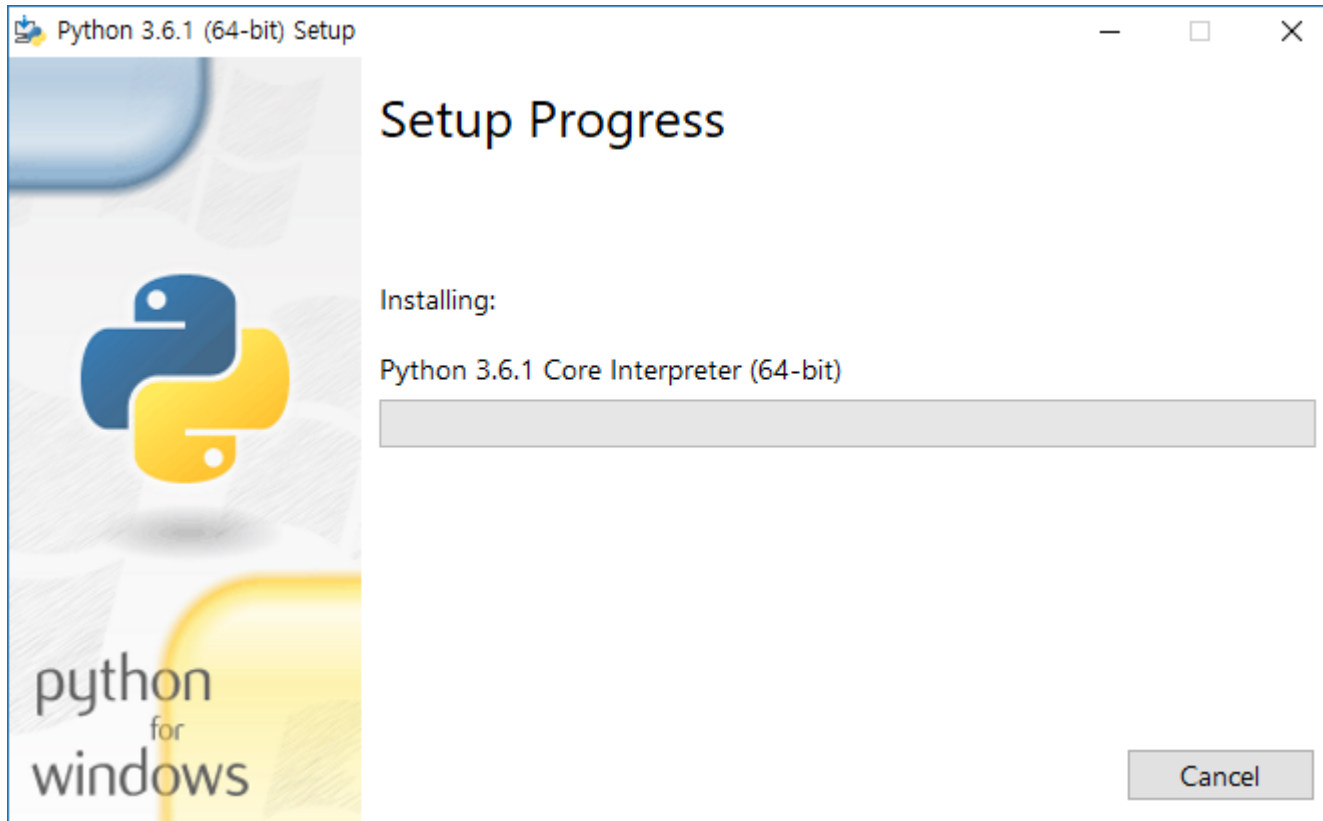# How to Install Python - Windows

click `Next`
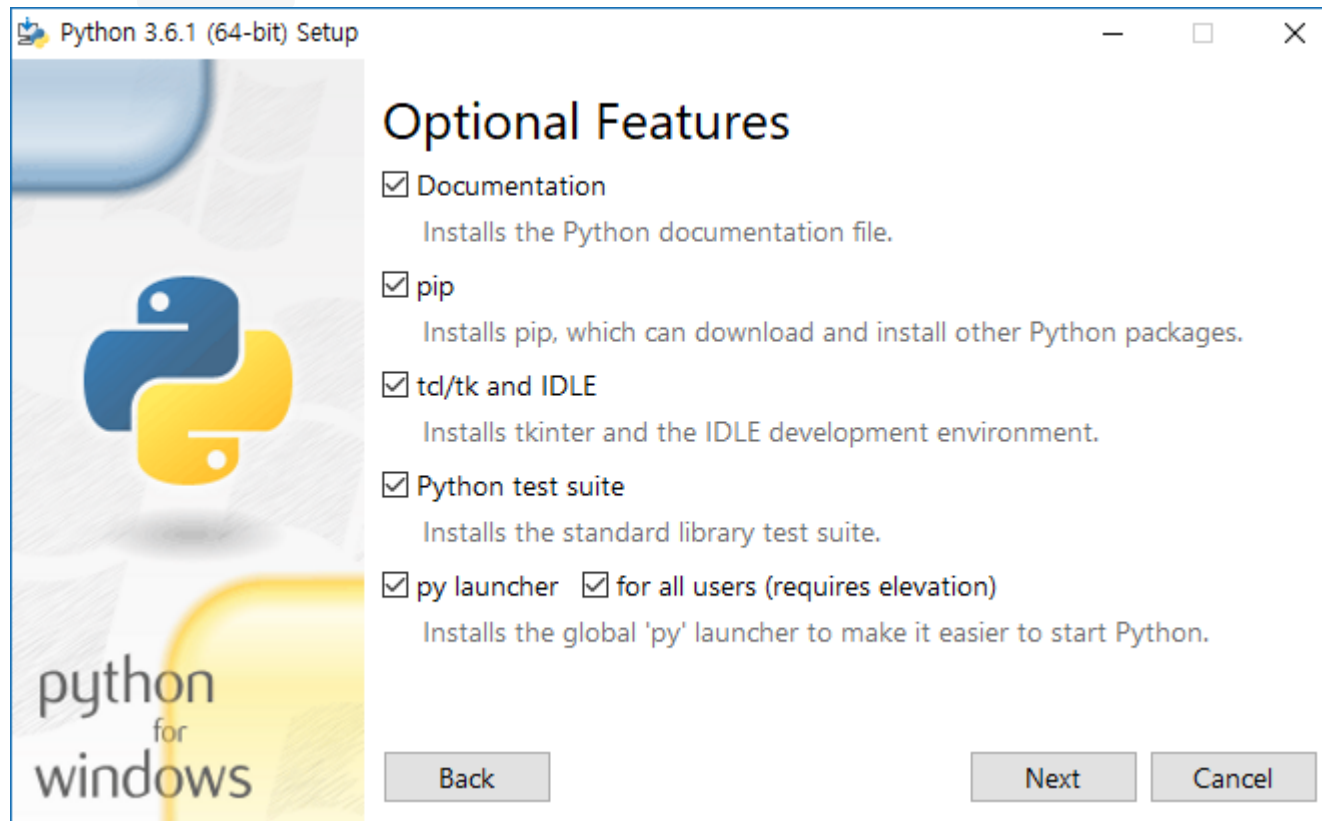
How to Install Python - Windows

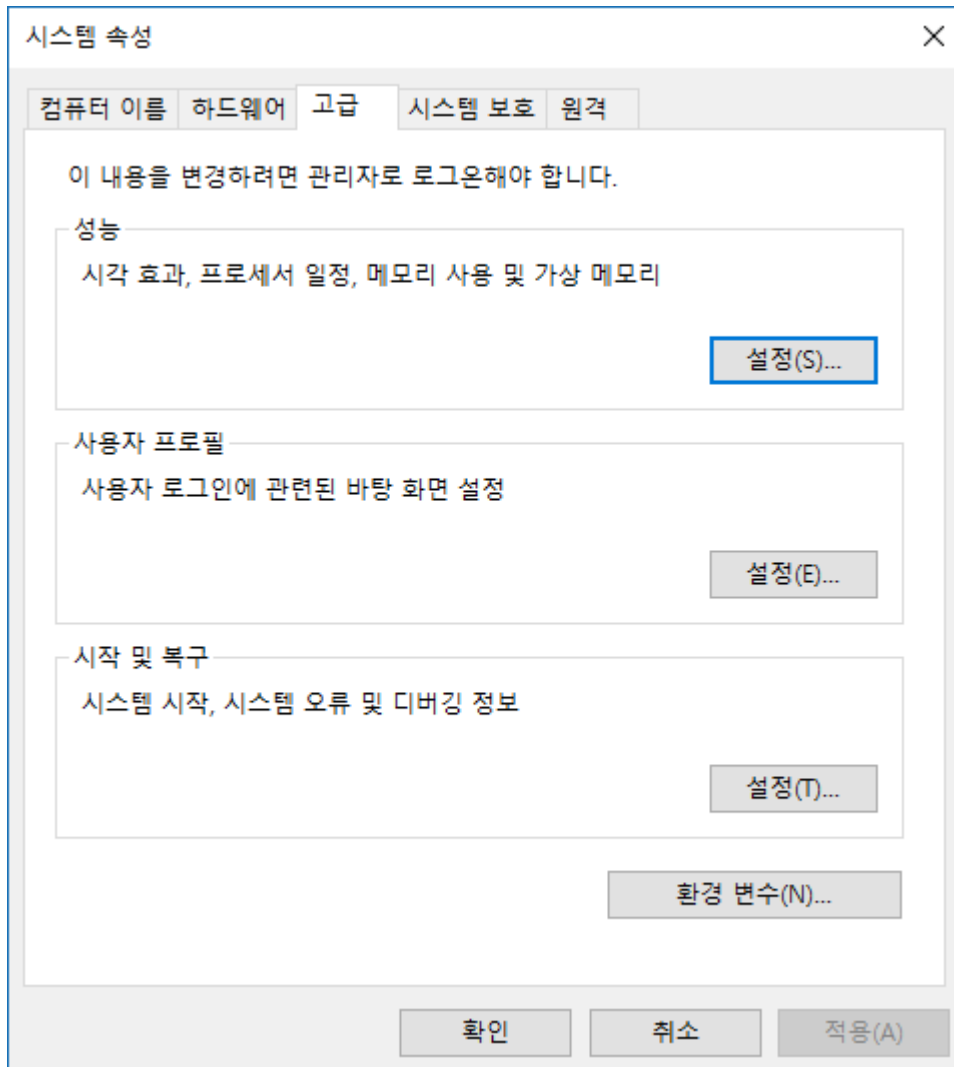Set install location to `C:\Python36`

How to Install Python - Windows

How to Install Python – Windows
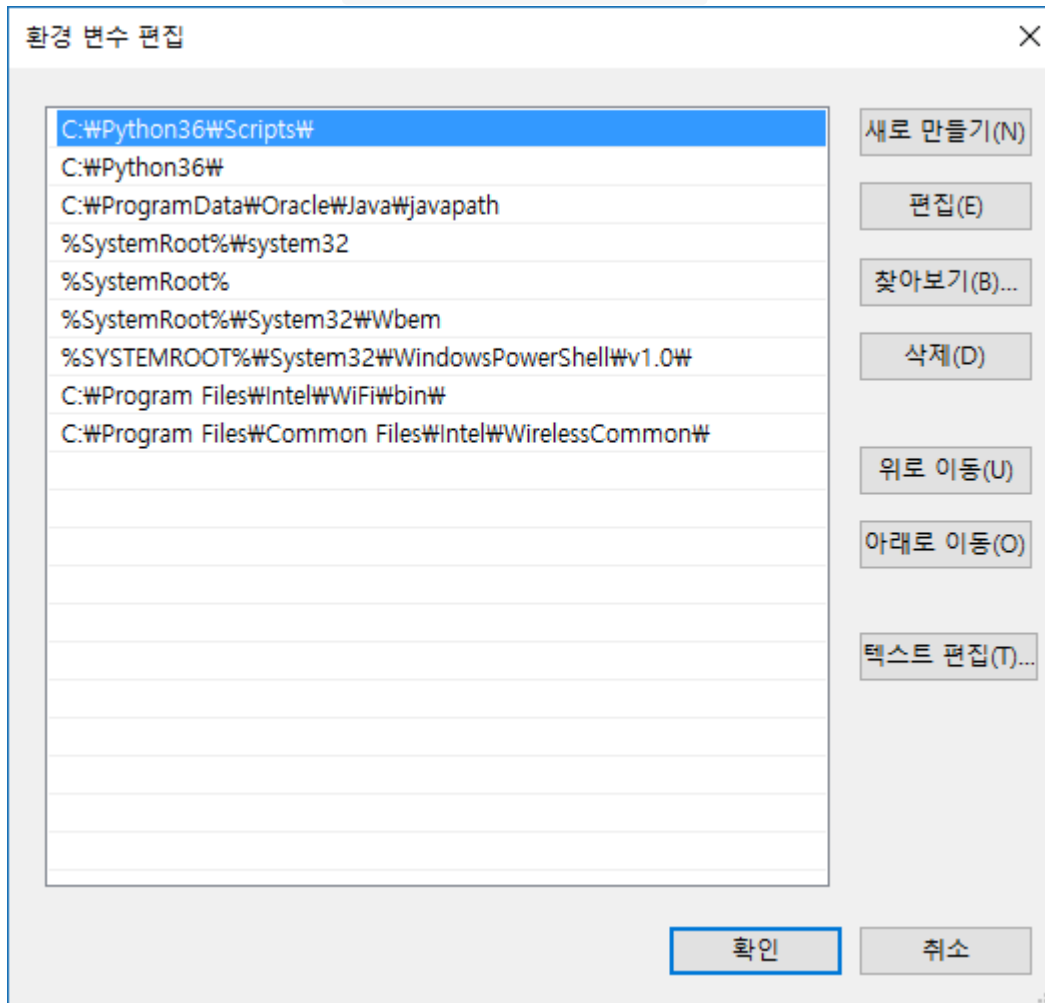
Installation Completed

How to Install Python - Windows

How to Install Python - Windows

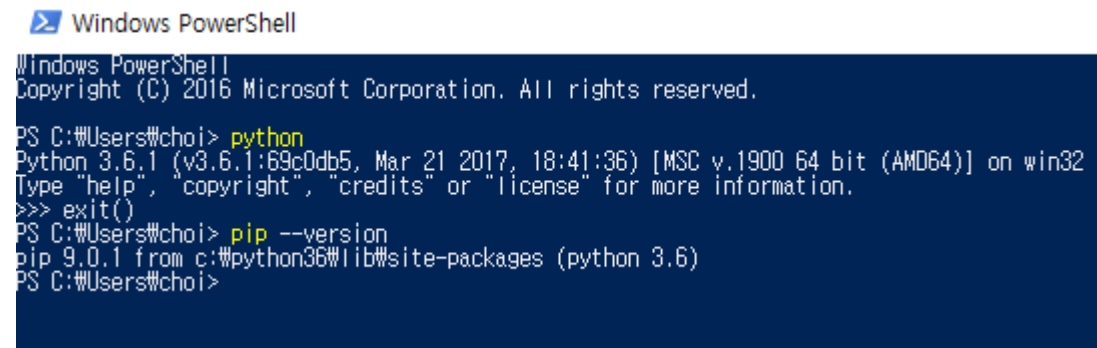Check PATH `C:\Python36`

How to Install Python - Windows

It worked!

How to Install Python - Windows

check `$ pip --version`

How to Install Python - Windows

`$ pip install jupyter` to install jupyter notebook

How to Install Python - Windows

`$ jupyter notebook` to run jupyter notebook

How to Install Python - Windows

`Complete!`
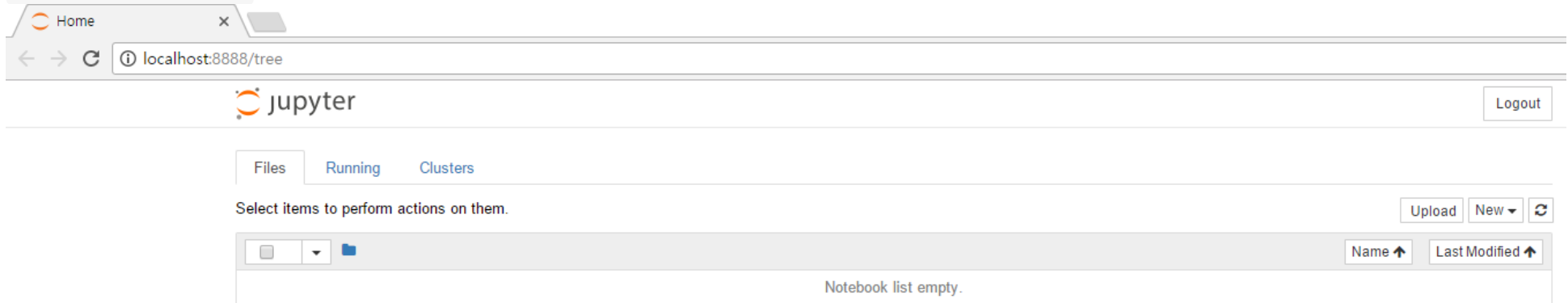
How to Install Python - MacOS, Linux(Ubuntu)

How to Install Python - Linux(Ubuntu)

```
$ sudo apt-get install python3.6.1
```

OR

Python Version Management – MacOS, Linux(Ubuntu)

Pyenv, Virtualenv

Pyenv - MacOS

Homebrew for MacOS

```
/usr/bin/ruby -e "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/master/install
)"
```

- Linux의 apt-get 처럼 패키지 관리를 할 수 있도록 도와주는 매니저
- apt-get 대신 brew를 입력하면 동일하게 사용가능

Pyenv - MacOS

```
$ xcode-select --install

$ brew update

$ brew install openssl readline xz
$ brew install pyenv

$ echo 'eval "$(pyenv init -)"' >> ~/.bashrc

$ exec $SHELL
```

Pyenv - Linux(Ubuntu)

Ubuntu

```
$ git clone https://github.com/pyenv/pyenv.git ~/.pyenv
```

```
$ apt-get install -y make build-essential libssl-dev zlib1g-dev
libbz2-dev libreadline-dev libsqlite3-dev wget curl llvm
libncurses5-dev xz-utils tk-dev
```

```
$ echo 'export PYENV_ROOT="$HOME/.pyenv"' >> ~/.bashrc
$ echo 'export PATH="$PYENV_ROOT/bin:$PATH"' >> ~/.bashrc
$ echo 'eval "$(pyenv init -)"' >> ~/.bashrc
```

```
$ exec $SHELL
```

Pyenv Installation check

`$ pyenv`

```
$ pyenv
pyenv 1.0.10
Usage: pyenv <command> [<args>]

Some useful pyenv commands are:
   commands    List all available pyenv commands
   local       Set or show the local application-specific Python version
   global      Set or show the global Python version
   shell       Set or show the shell-specific Python version
   install     Install a Python version using python-build
   uninstall   Uninstall a specific Python version
   rehash      Rehash pyenv shims (run this after installing executables)
   version     Show the current Python version and its origin
   versions    List all Python versions available to pyenv
   which       Display the full path to an executable
   whence      List all Python versions that contain the given executable

See `pyenv help <command>' for information on a specific command.
For full documentation, see: https://github.com/pyenv/pyenv#readme
```

Virtualenv - MacOS

```
$ brew install pyenv-virtualenv
$ echo 'eval "$(pyenv virtualenv-init -)"' >> ~/.bashrc

$ exec $SHELL
```

Virtualenv - Linux

```
$ git clone https://github.com/pyenv/pyenv-virtualenv.git $(pyen
```

```
$ echo 'eval "$(pyenv virtualenv-init -)"' >> ~/.bashrc
```

```
$ exec $SHELL
```

Create New version for specific project

install python with pyenv

```
$ pyenv install --list
```

```
$ pyenv install 3.6.1
```

```
$ pyenv versions
```

```
$ pyenv virtualenv 3.6.1 firstvenv
```

```
$ pyenv versions
```

```
$ pyenv activate firstenv
```

Install jupyter - MacOS, Linux

```
$ pip install jupyter
$ pip list

$ jupyter notebook
```

If these process doesn't work

- Try https://c9.io/
- Try https://repl.it/

Enjoy Python!