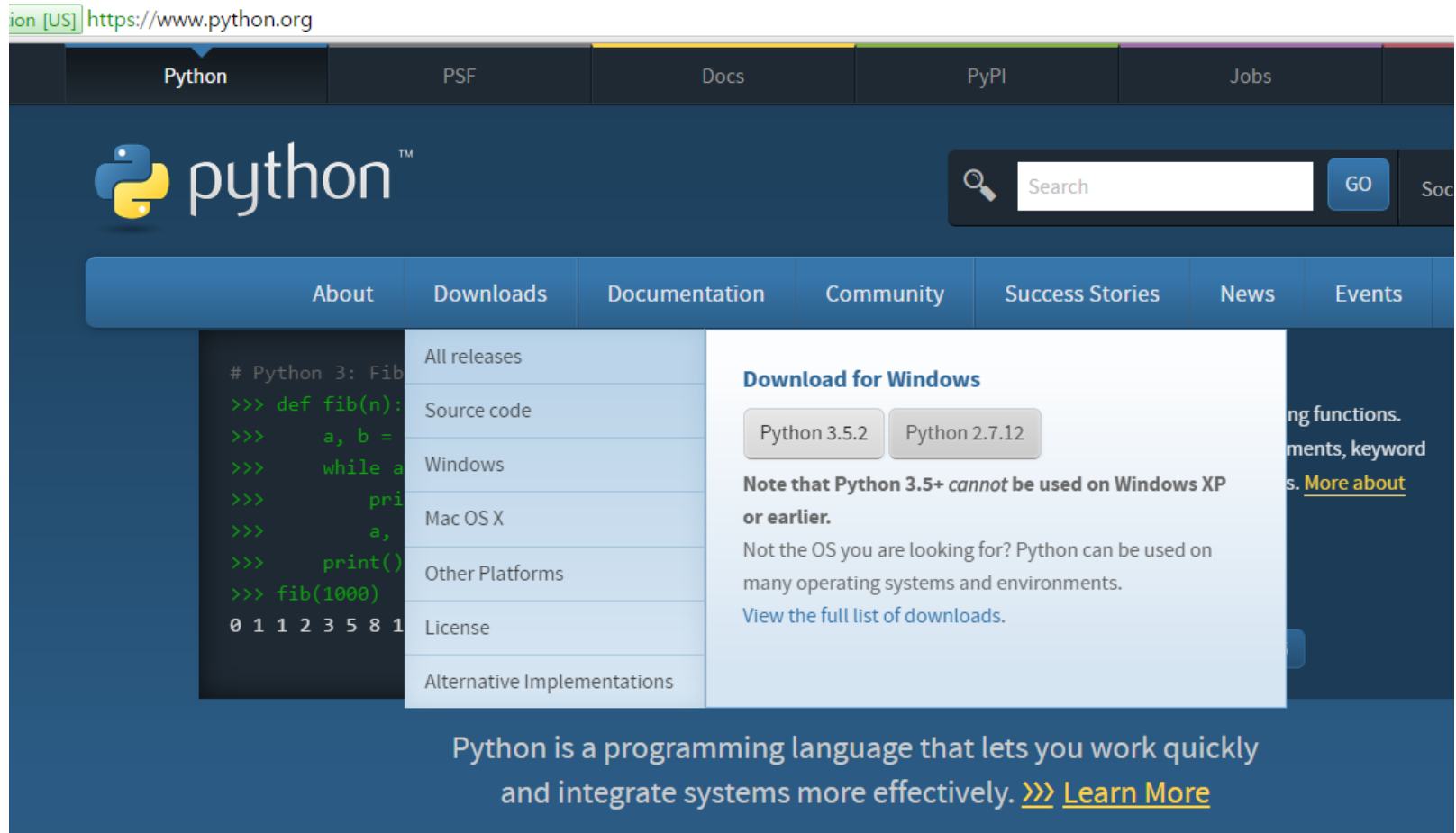


# Python 다운로드

- [www.python.org](https://www.python.org) → Downloads → Python 3.5.2 선택
- 2.7 버전이 설치되어 있는 경우 3.5 버전으로 추가 설치하기



The screenshot shows the Python.org website with the 'Downloads' tab selected. The page features a dark blue header with the Python logo and a search bar. Below the header, a navigation bar includes links for 'About', 'Downloads', 'Documentation', 'Community', 'Success Stories', 'News', and 'Events'. The 'Downloads' section is active, displaying a list of download options: 'All releases', 'Source code', 'Windows', 'Mac OS X', 'Other Platforms', 'License', and 'Alternative Implementations'. A 'Download for Windows' panel is open, showing buttons for 'Python 3.5.2' and 'Python 2.7.12'. A note states: '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.' At the bottom, a footer text reads: 'Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)'.

ion [US] <https://www.python.org>

Python PSF Docs PyPI Jobs

python™

Search GO Soc

About Downloads Documentation Community Success Stories News Events

# Python 3: Fib  
>>> def fib(n):  
>>> a, b =  
>>> while a  
>>> pri  
>>> a,  
>>> print()  
>>> fib(1000)  
0 1 1 2 3 5 8 1

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

**Download for Windows**

Python 3.5.2 Python 2.7.12

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

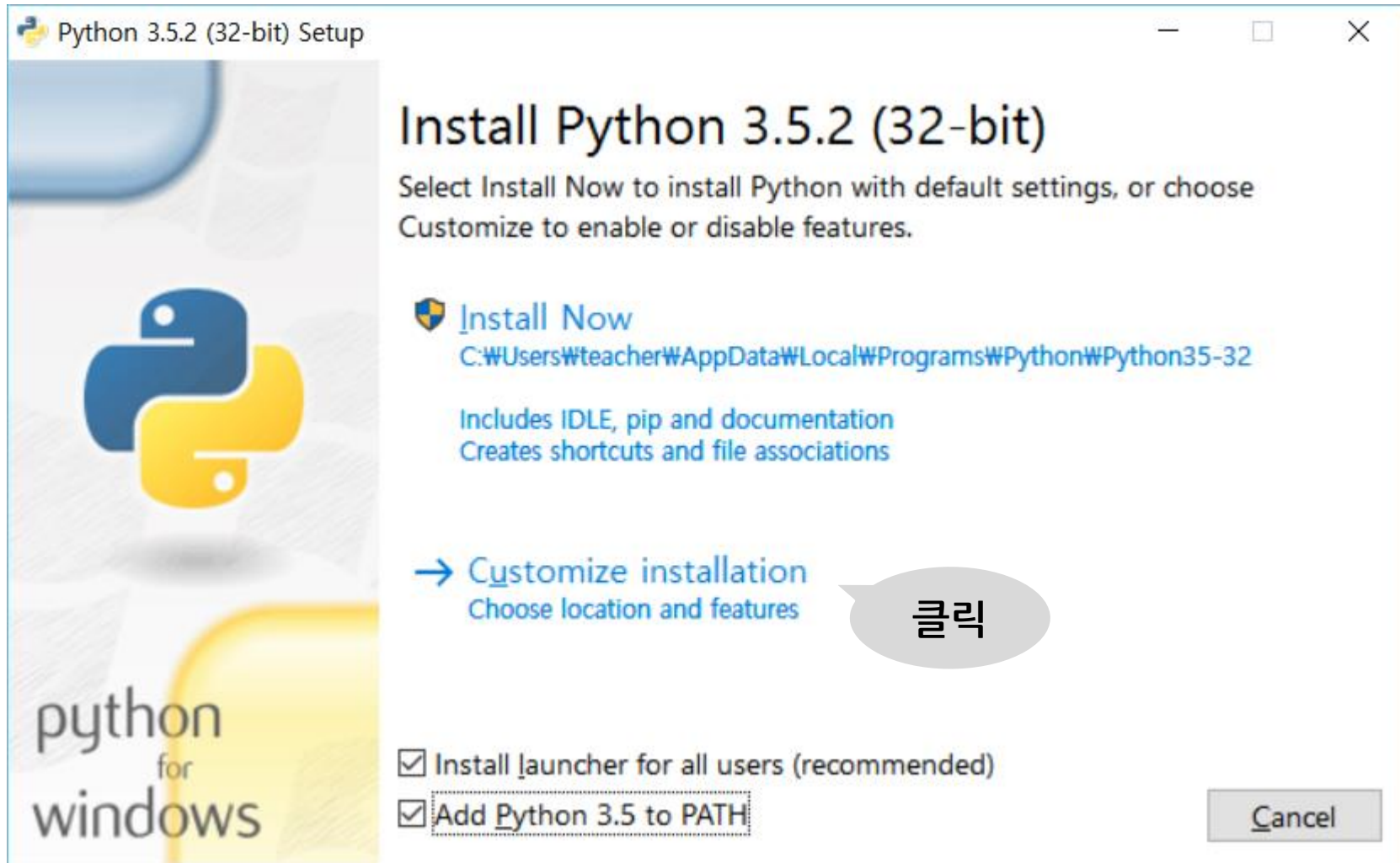
Not the OS you are looking for? Python can be used on many operating systems and environments.  
[View the full list of downloads.](#)

ing functions.  
ments, keyword  
s. [More about](#)

Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)

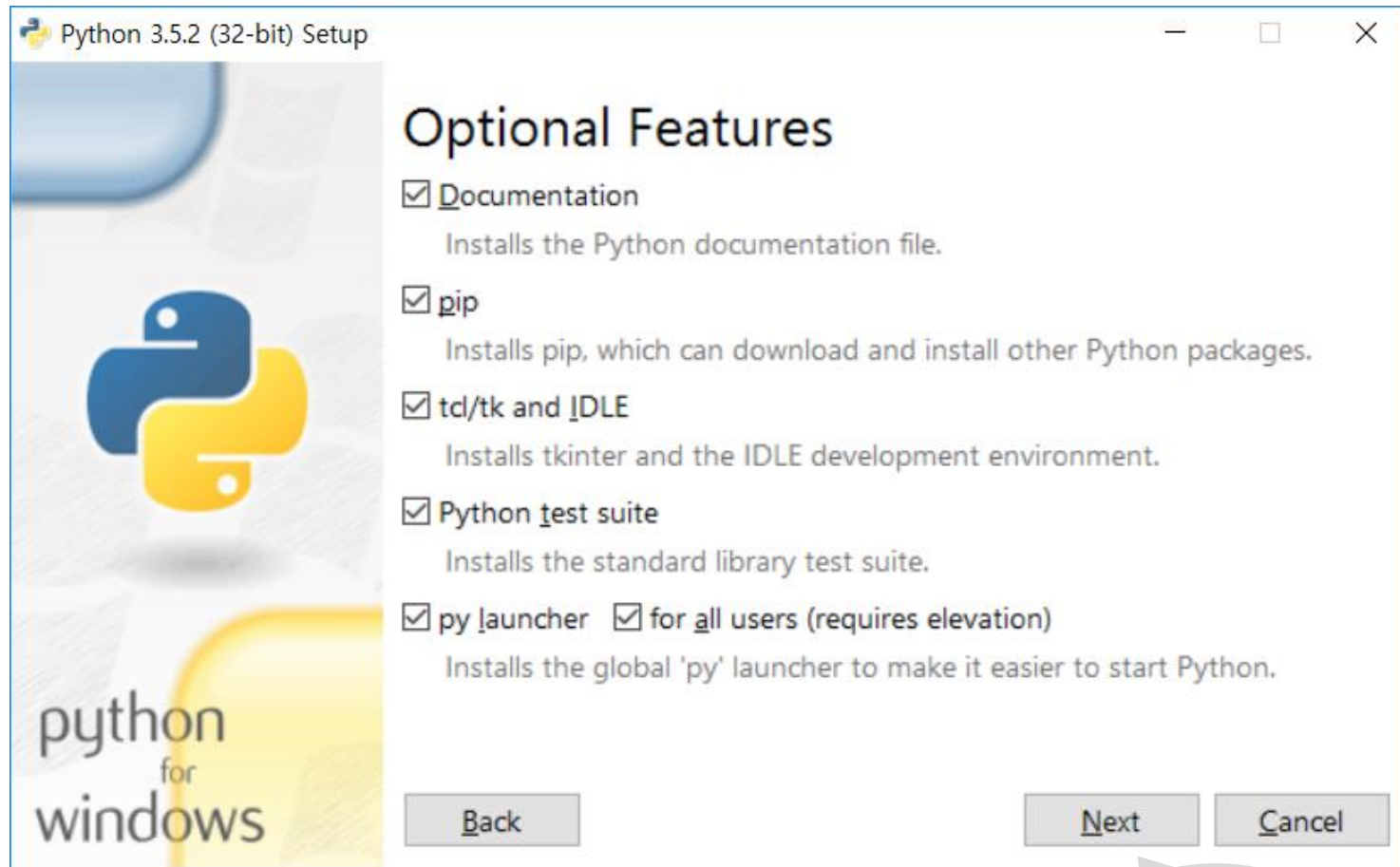
# Python 설치

- 설치 폴더 변경을 위해 Customize installation 클릭



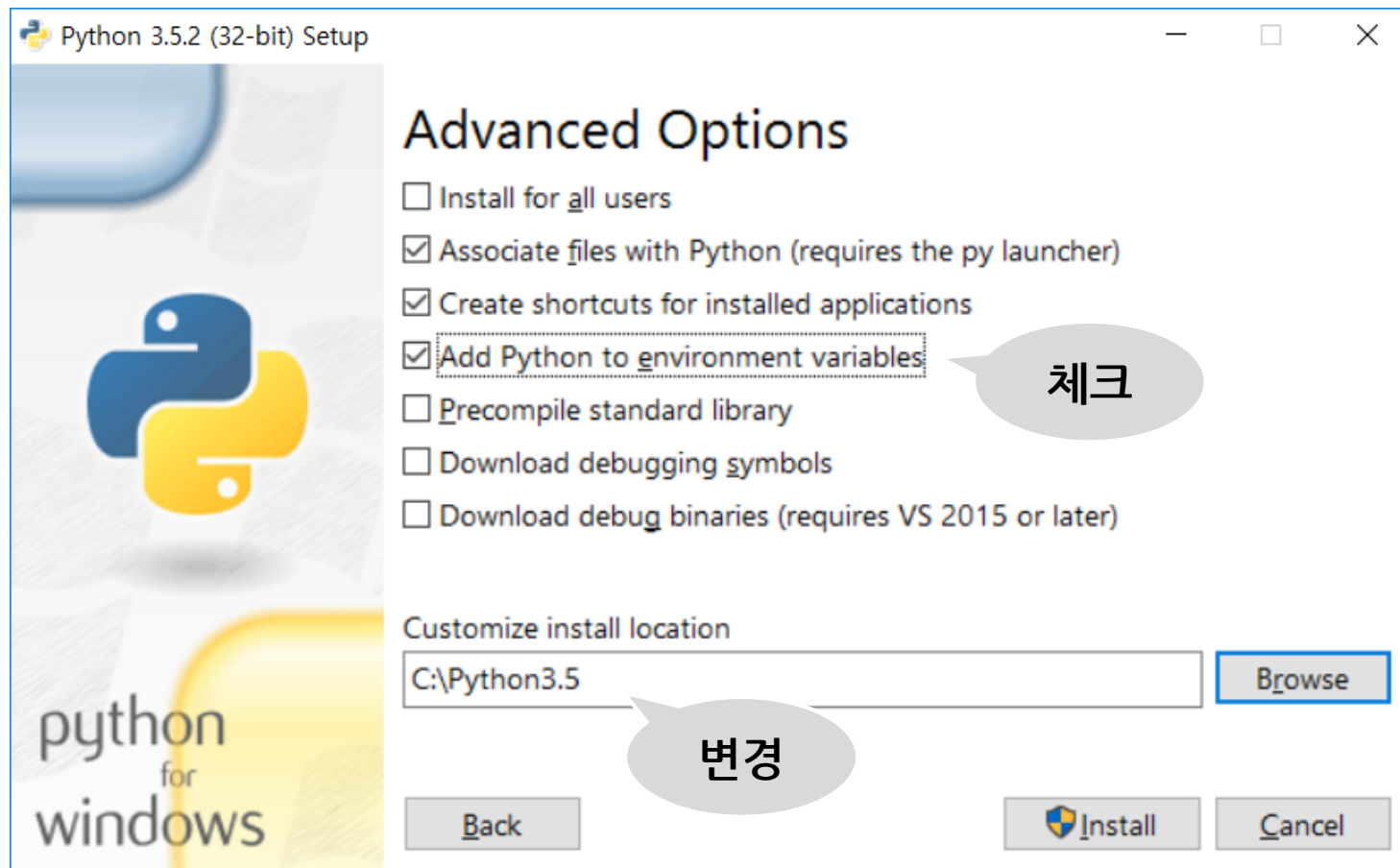
# Python 설치

## ▪ Next 클릭



# Python 설치

- Add Python to environment variables 체크
- Customize install location을 C:\Python3.5로 변경하고 Install 클릭



# Python 설치 확인

- Command 창을 열고 python -V 실행 → 정상 설치여부 확인



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\user>echo %PATH%
C:\Python34\;C:\Python34\Scripts;C:\ProgramData\Oracle\
system32;C:\Windows;C:\Windows\System32\Wbem;C:\Wind
o\v1.0\;C:\Program Files\CodeBlocks\MinGW\bin;C:\Pro
\bin;C:\Program Files\nodejs\;C:\Users\user\AppData\R

C:\Users\user>python -V
Python 3.5.2

C:\Users\user>
```

Python  
버전 확인

# Python 실행 방식 1. 명령창에서 대화형 인터프리터로 실행

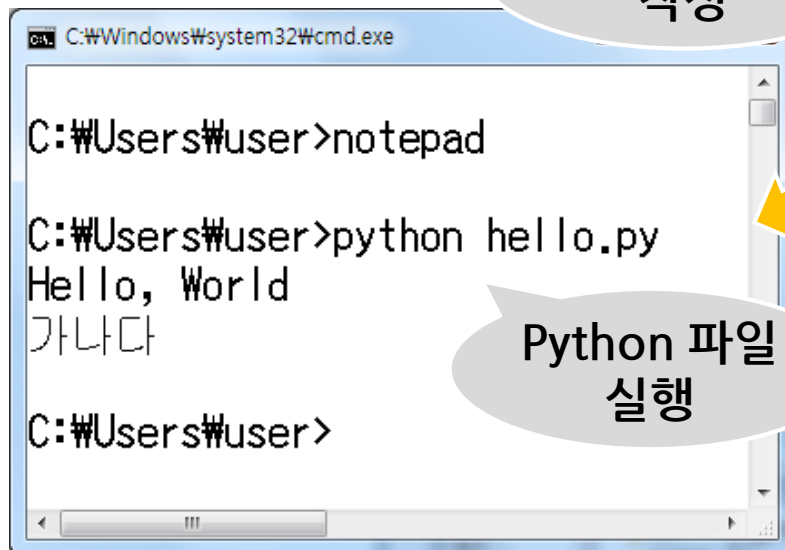
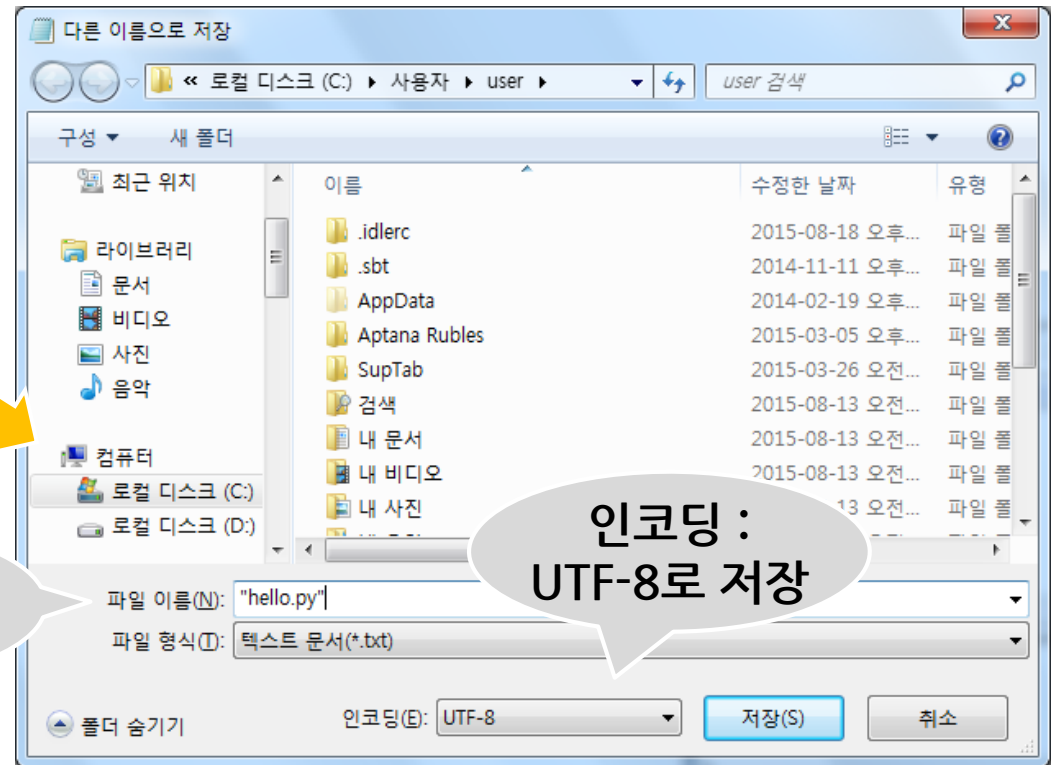
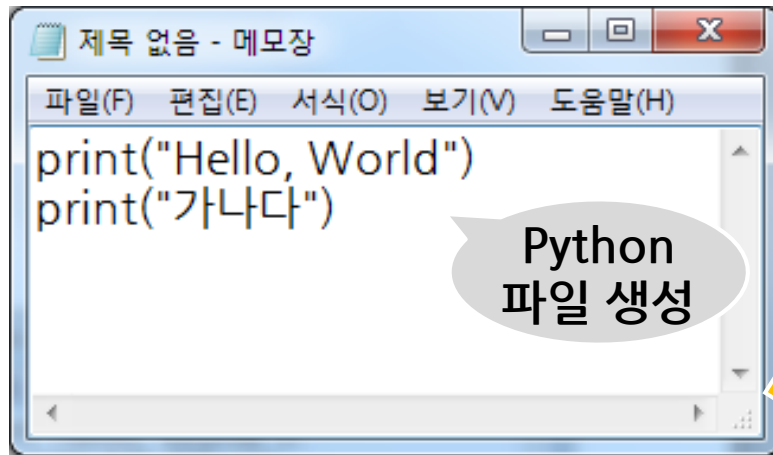
```
C:\Windows\system32\cmd.exe - python

C:\Users\user>python
Python 3.4.3 (v3.4.3:9b73f1c3e601, Feb 24 2015, 22:43:06) [M
tel)] on win32
Type "help", "copyright", "credits" or "license" for more in
>>> import sys
>>> sys.version_info
sys.version_info(major=3, minor=4, micro=3, releaselevel='fi
>>> 10+20
30
>>> print("Hello, World!!")
Hello, World!!
>>>
```

대화형  
인터프리터  
실행

종료 시  
ctrl+z(Windows)  
ctrl+d(Unix)  
exit(), quit()

## Python 실행 방식 2. Python 파일을 생성하여 실행



# Python 개발을 위한 통합 개발 환경

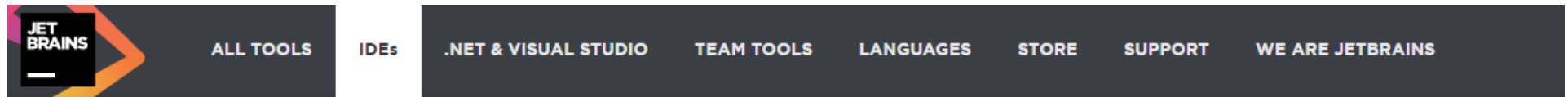
- Java에 Eclipse와 IntelliJ가 있다면, Python에는 PyCharm이 있다!!





# PyCharm 다운로드

- [www.jetbrains.com](http://www.jetbrains.com) → IDEs → PyCharm 선택



## Check out our IDEs

### IntelliJ IDEA

The most intelligent Java IDE

### PhpStorm

Lightning-smart PHP IDE

### PyCharm

Python IDE for professional developers

### RubyMine

The most intelligent Ruby IDE

### AppCode

Smart IDE for iOS/OS X development

### CLion

A smart cross-platform IDE for C and C++

### DataGrip

Your Swiss Army knife for databases & SQL

### Rider

A cross-platform C# IDE based on IntelliJ platform and ReSharper

## Python IDE for Professional Developers

DOWNLOAD NOW

Full-fledged Professional or Free Community

# PyCharm 다운로드

- Community 선택!!
- Python Web 개발을 하고자 한다면 Professional 버전 설치해야 함



Version: 2016.2

Build: 162.1237.1

Released: July 21, 2016

[System requirements](#)

[Installation Instructions](#)

[Previous versions](#) ↗

## Download PyCharm

[OS X](#)

[WINDOWS](#)

[LINUX](#)

### Professional

Full-featured IDE  
for Python & Web  
development

[DOWNLOAD](#)

220 MB

### Community

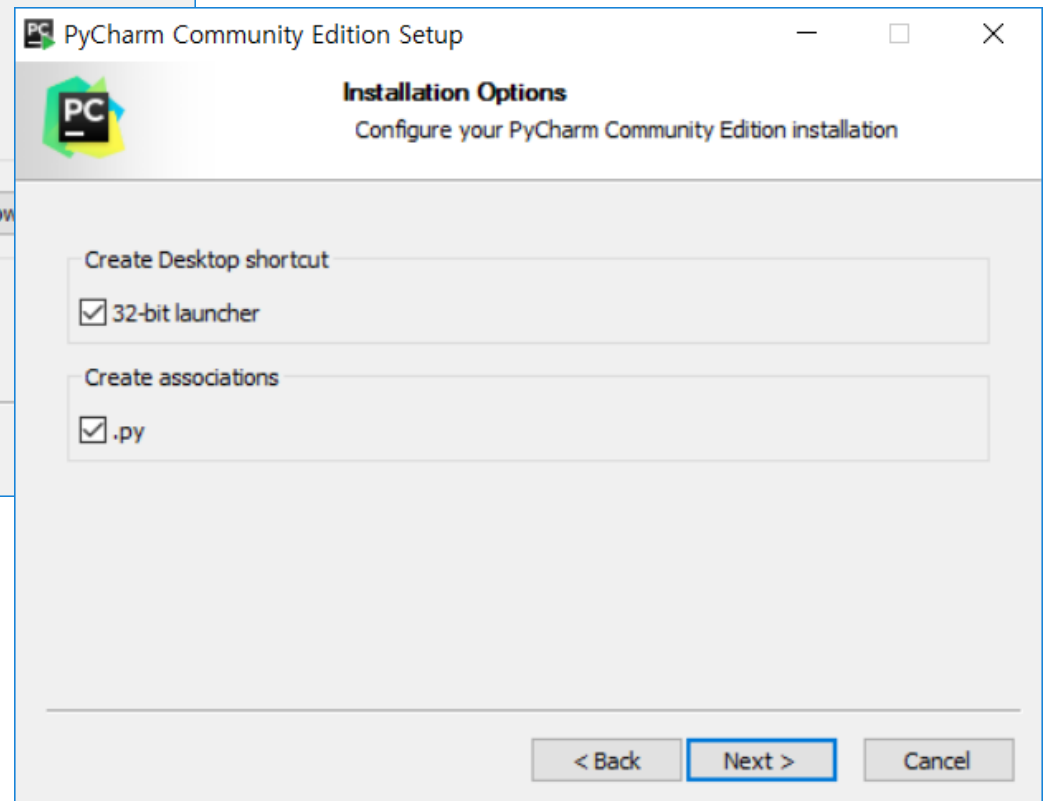
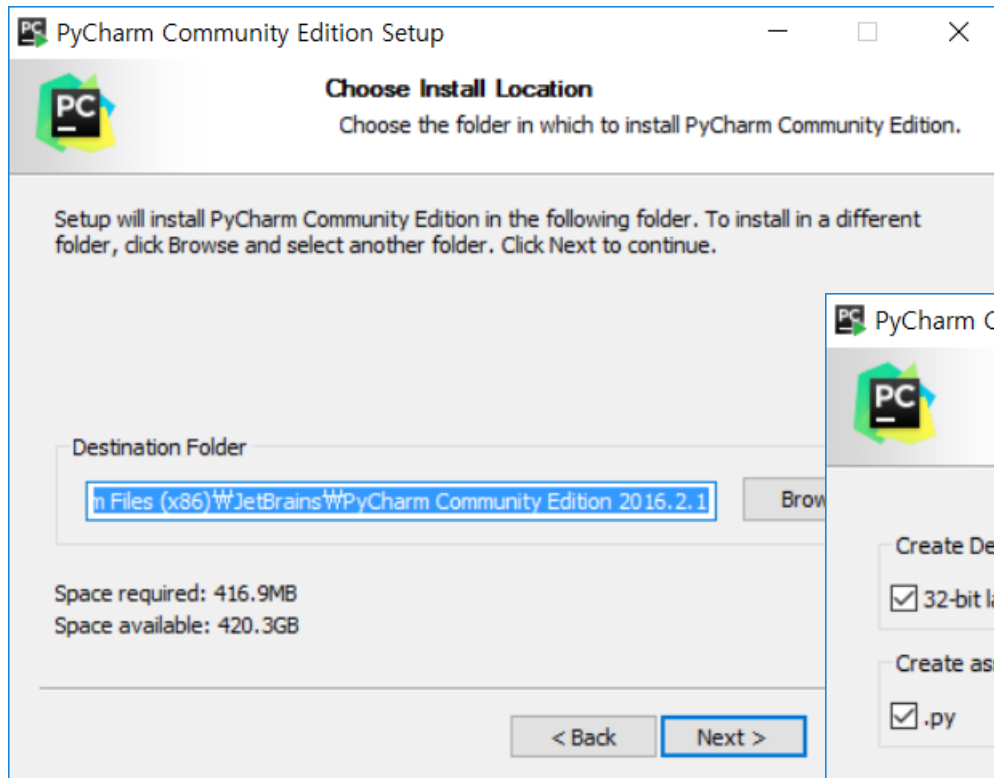
Lightweight IDE  
for Python & Scientific  
development

[DOWNLOAD](#)

178 MB

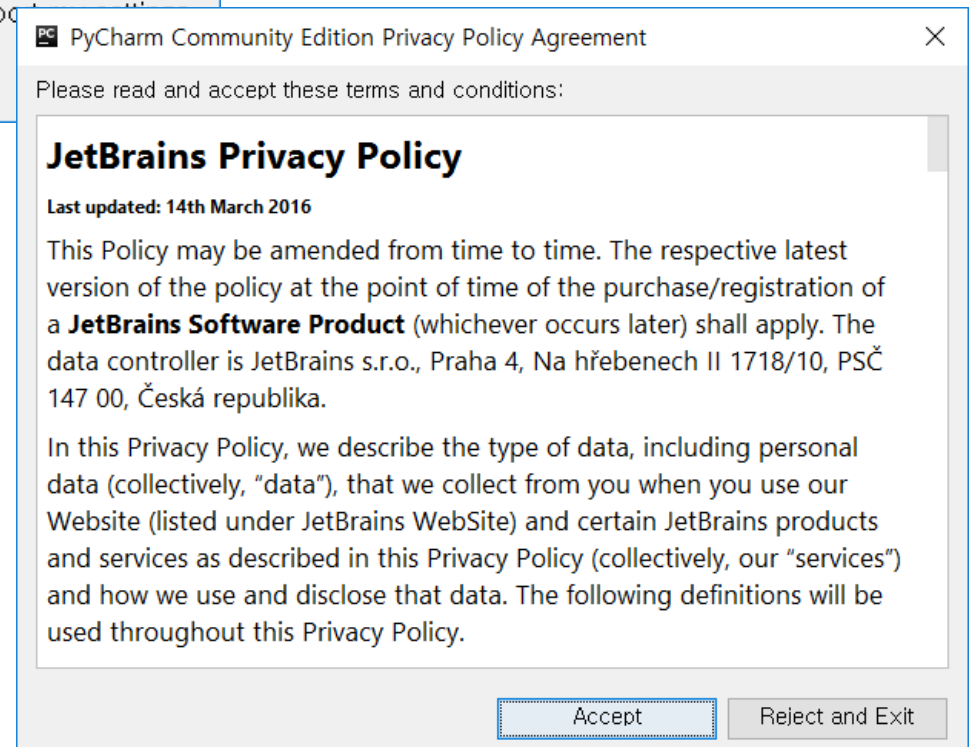
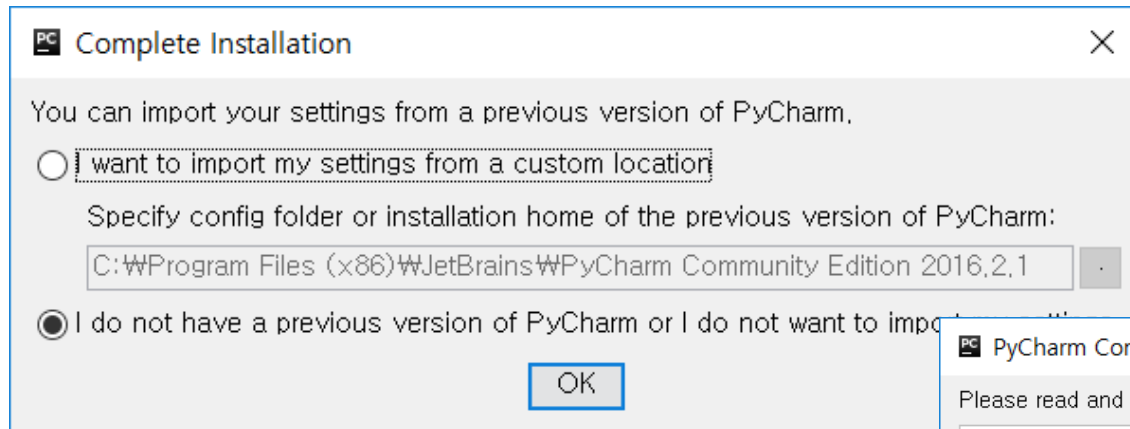
클릭

# PyCharm 설치



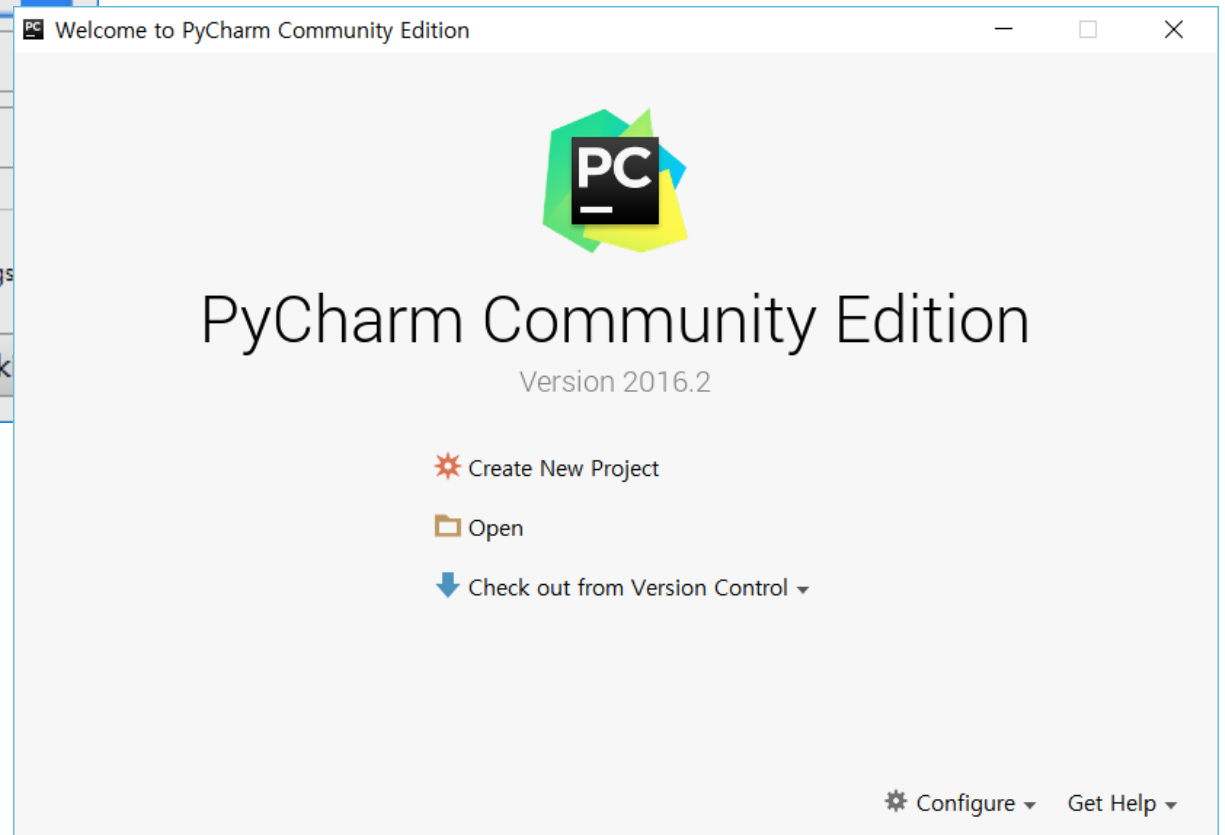
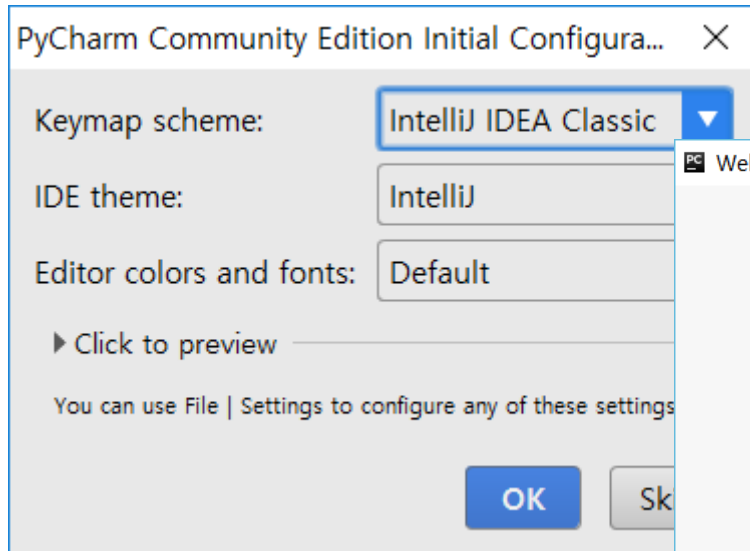
# PyCharm 실행

- I do not have a previous version ~ 선택 → Accept 클릭



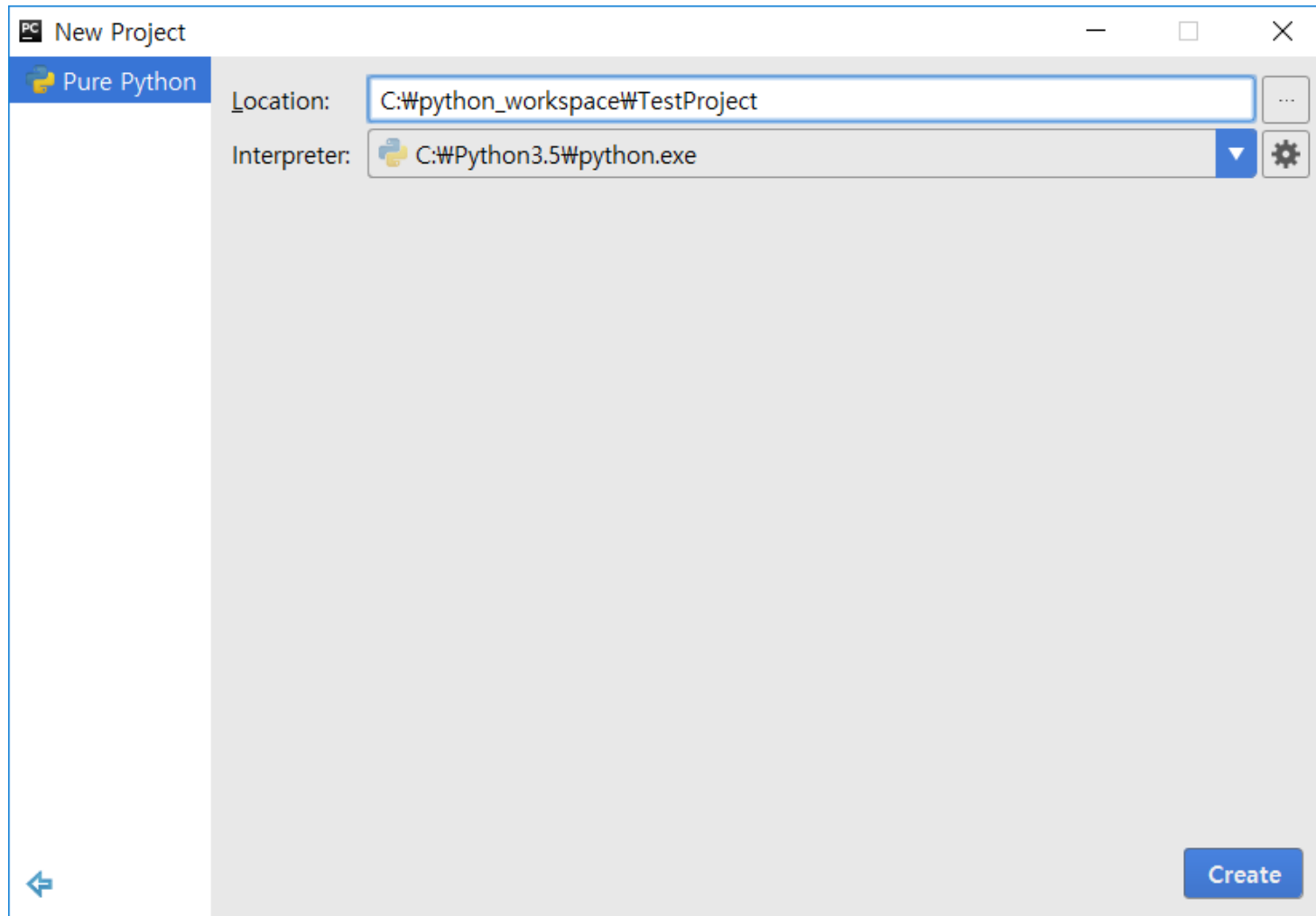
# PyCharm 실행

- Initial Configuration 창에서 OK 선택 → Create New Project 선택



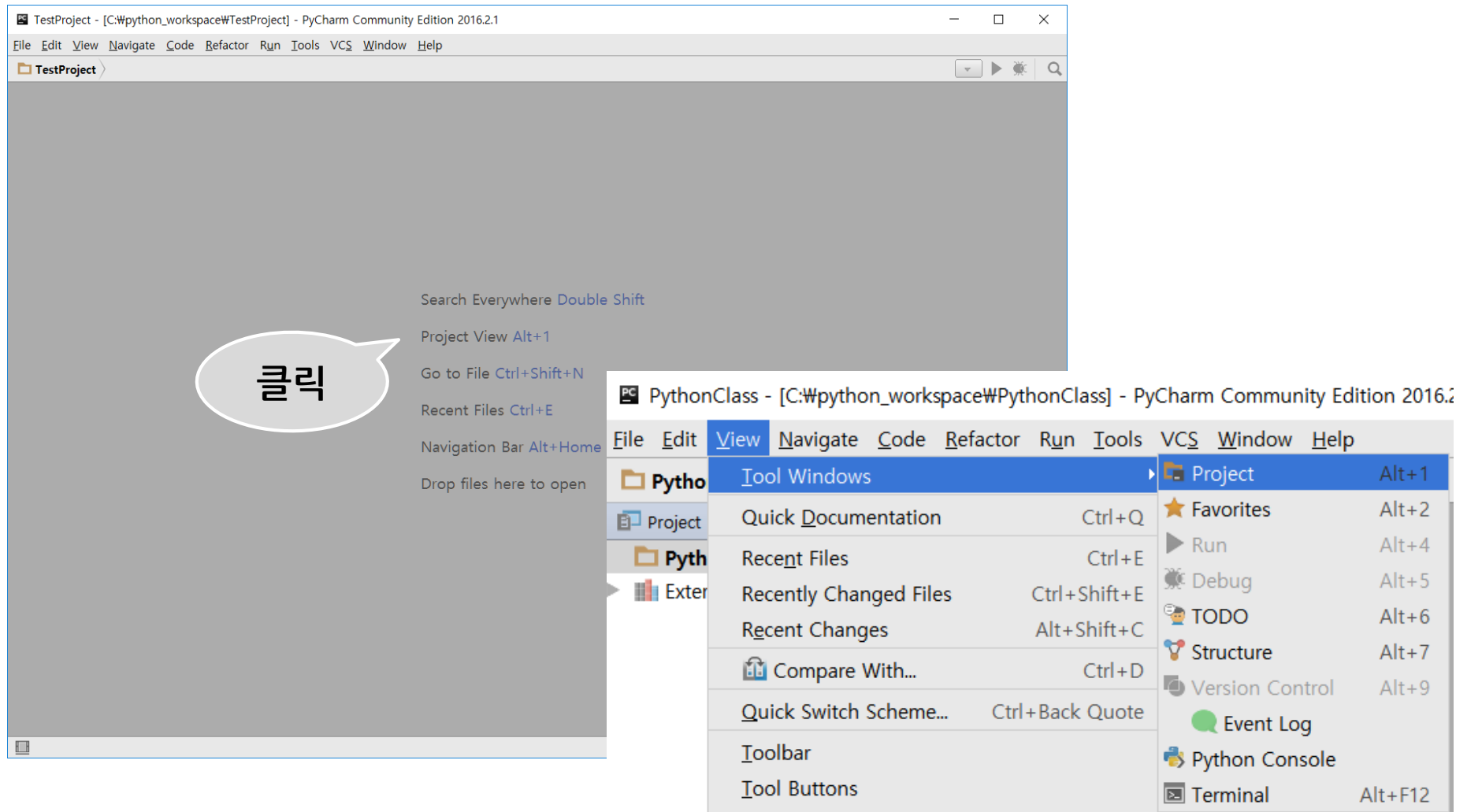
# PyCharm Project 생성

- Location : C:\python\_workspace\TestProject → Create



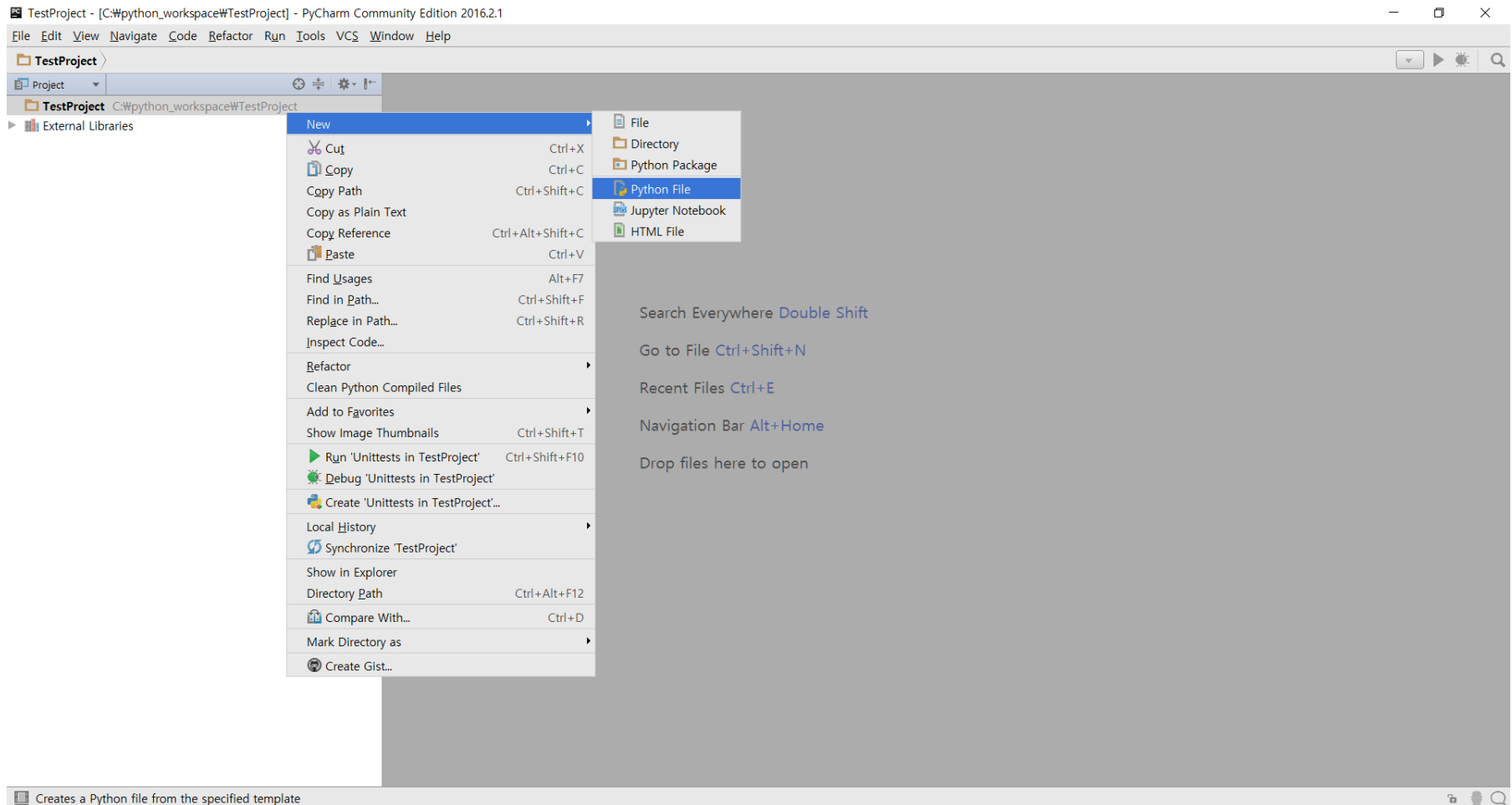
# Project View

- Alt+1 클릭 또는 View 메뉴 → Tool Windows → Project 선택



# Python File 생성

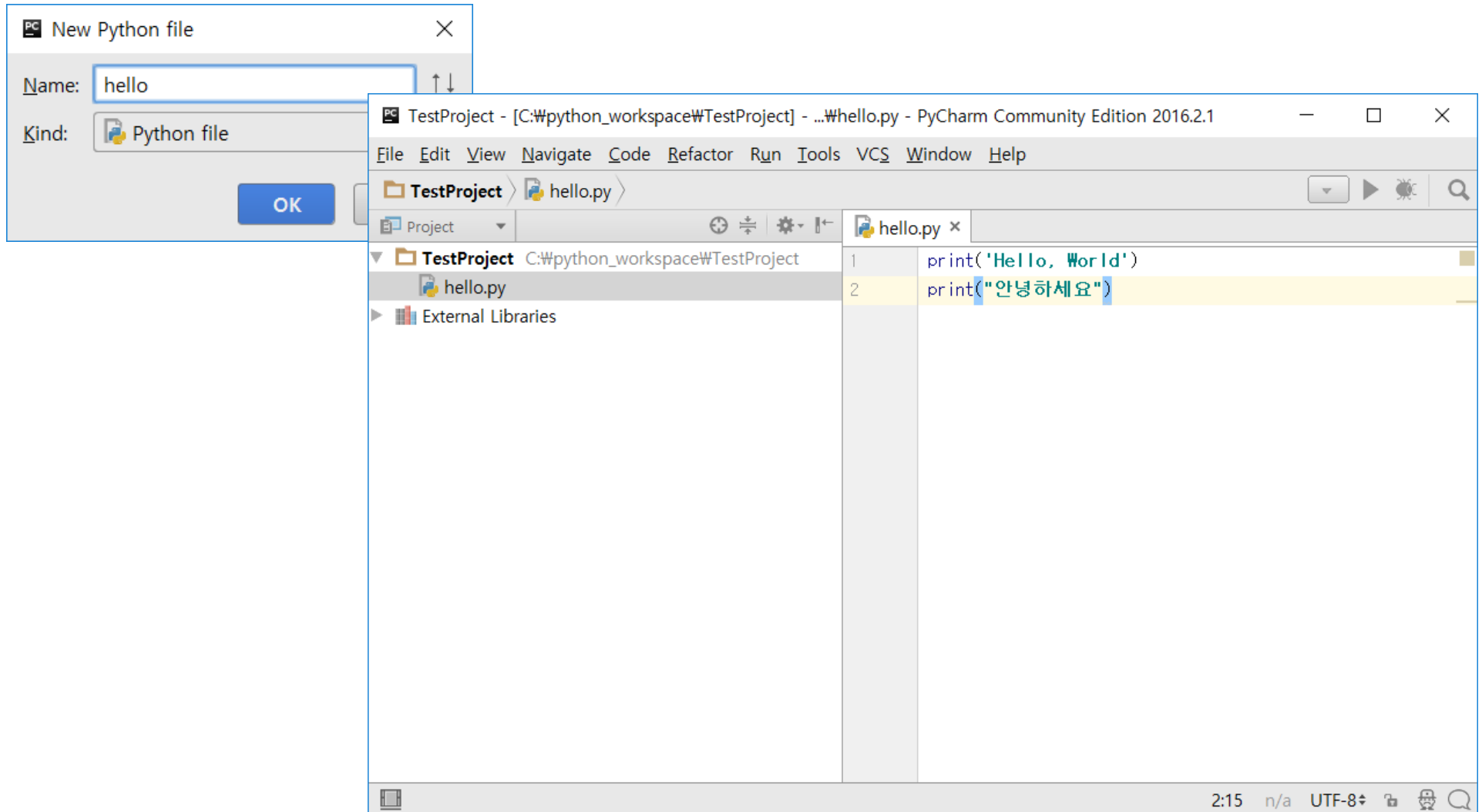
- TestProject → New → Python File 선택





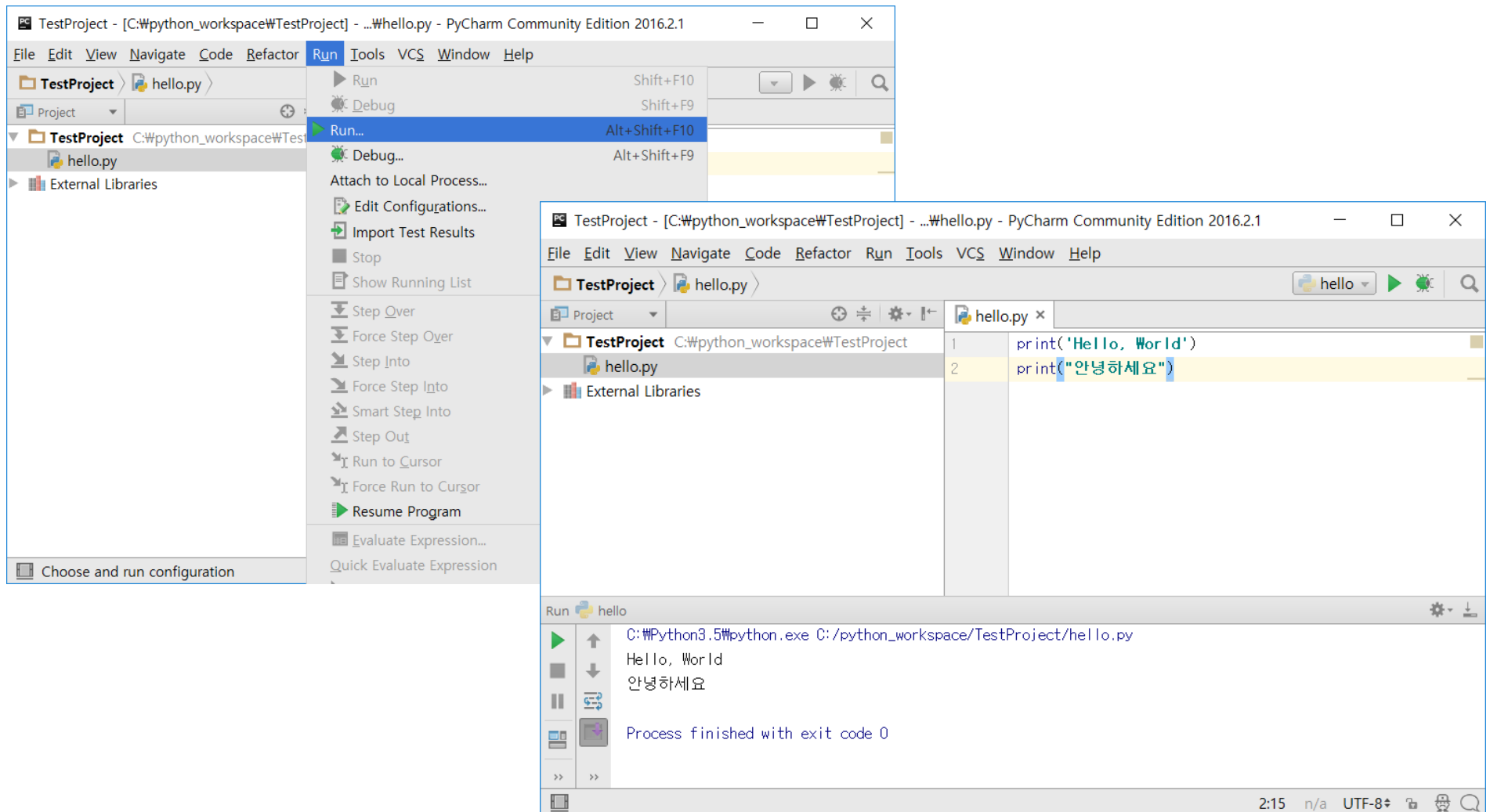
# Python File 생성

- Name: hello 입력 후 OK → hello.py 파일 생성

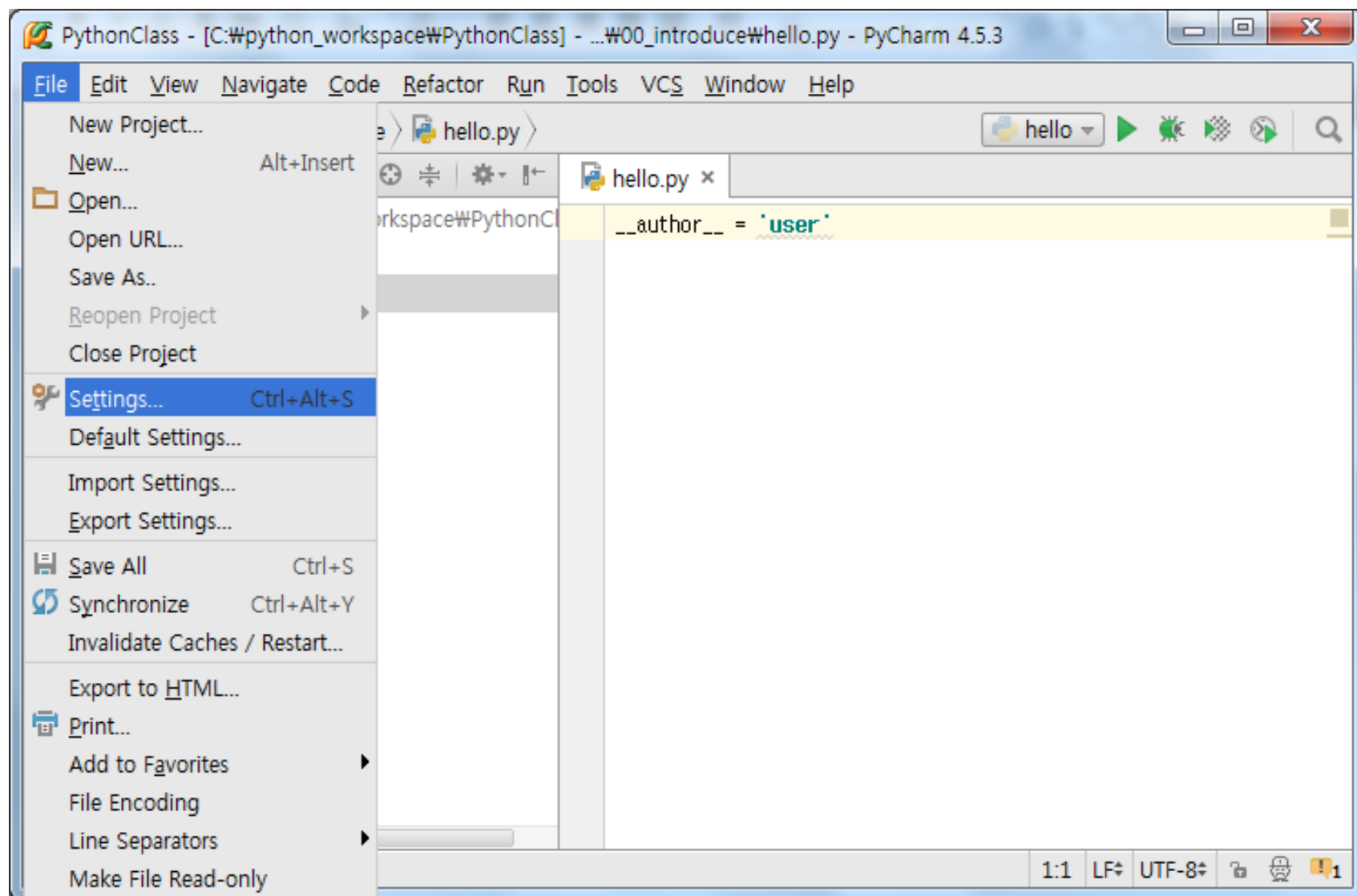


# Python File 실행

- Alt+Shift+F10 또는 Run → Run 클릭

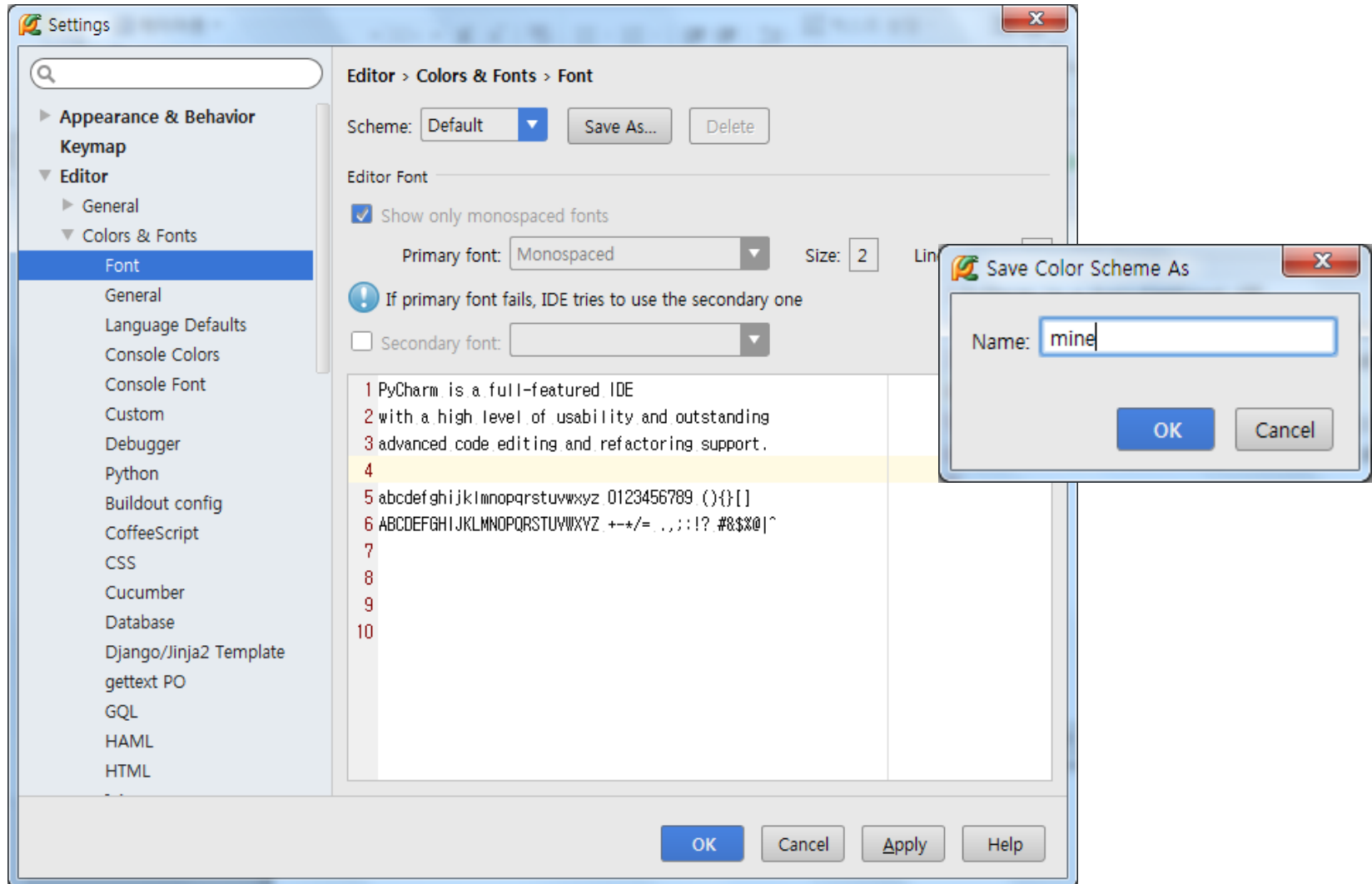


# PyCharm 환경 설정

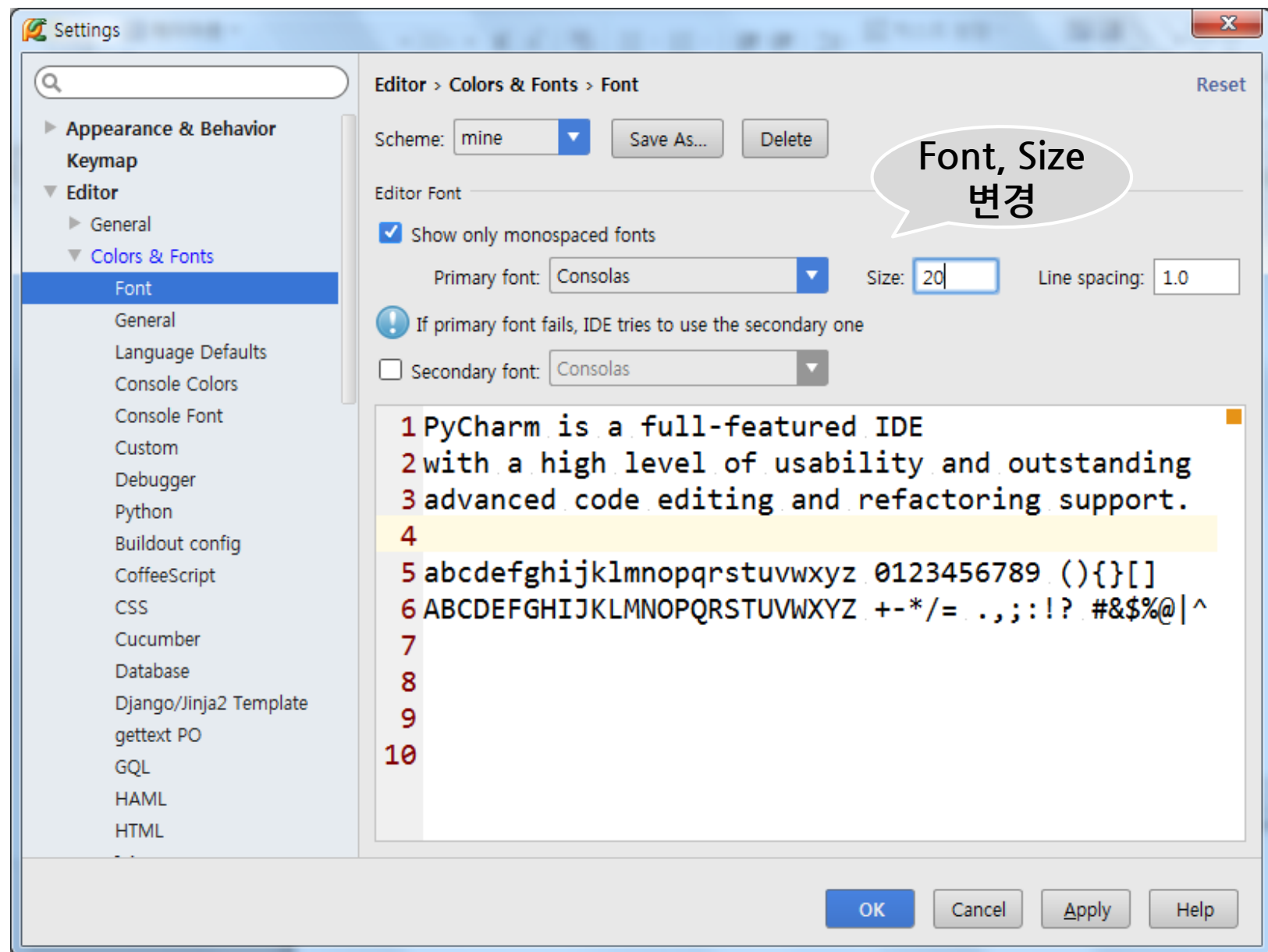


# PyCharm 환경 설정 - Font 설정

- Base Scheme 선택 후 Save As 버튼 클릭 → 새로운 Scheme 생성



# PyCharm 환경 설정 - Font 설정



# Git 버전 관리 시스템

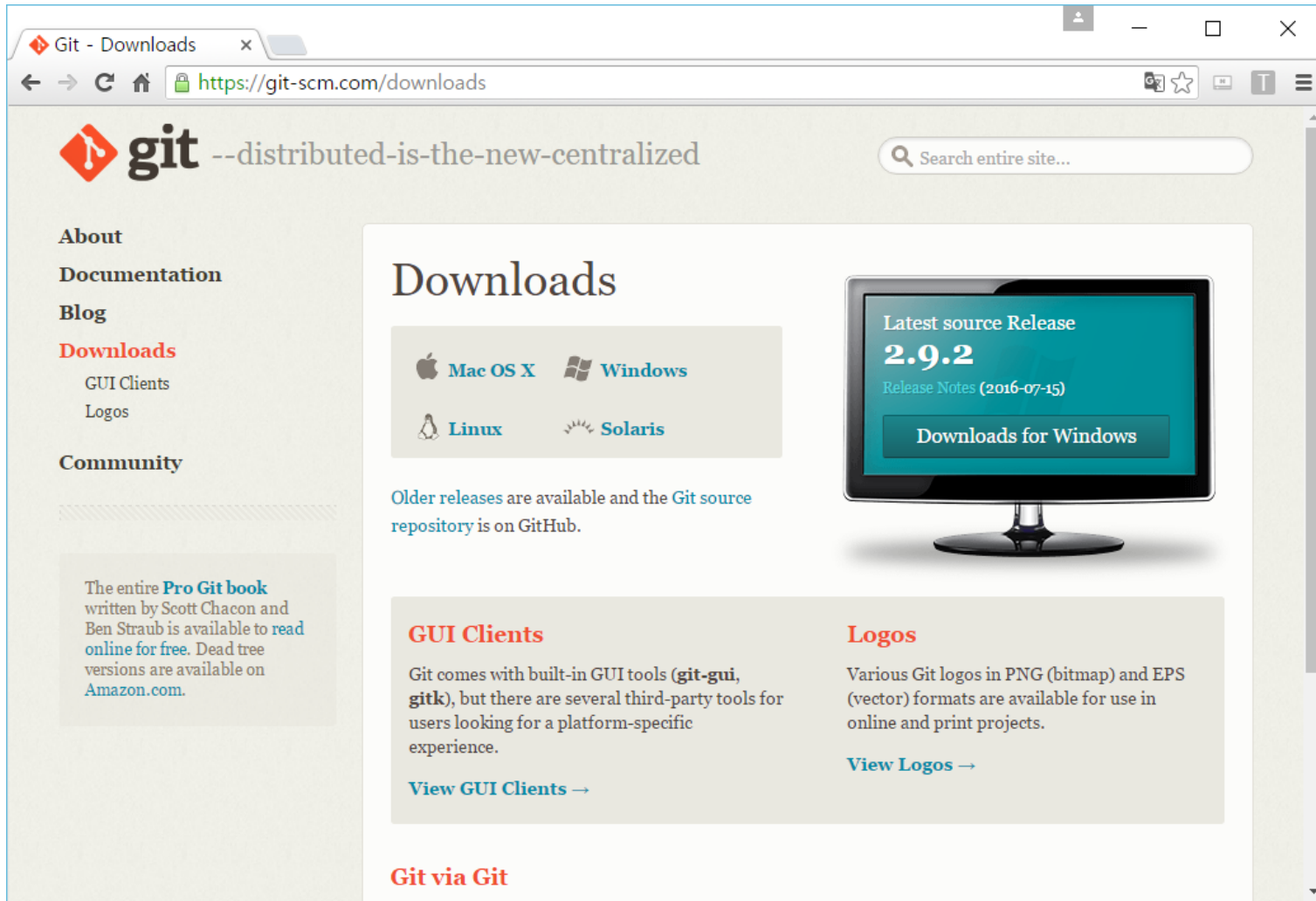
- 수업용 실습 파일 제공을 위해 git 버전 관리 시스템을 이용해보자!



나는 들어봤겠지..

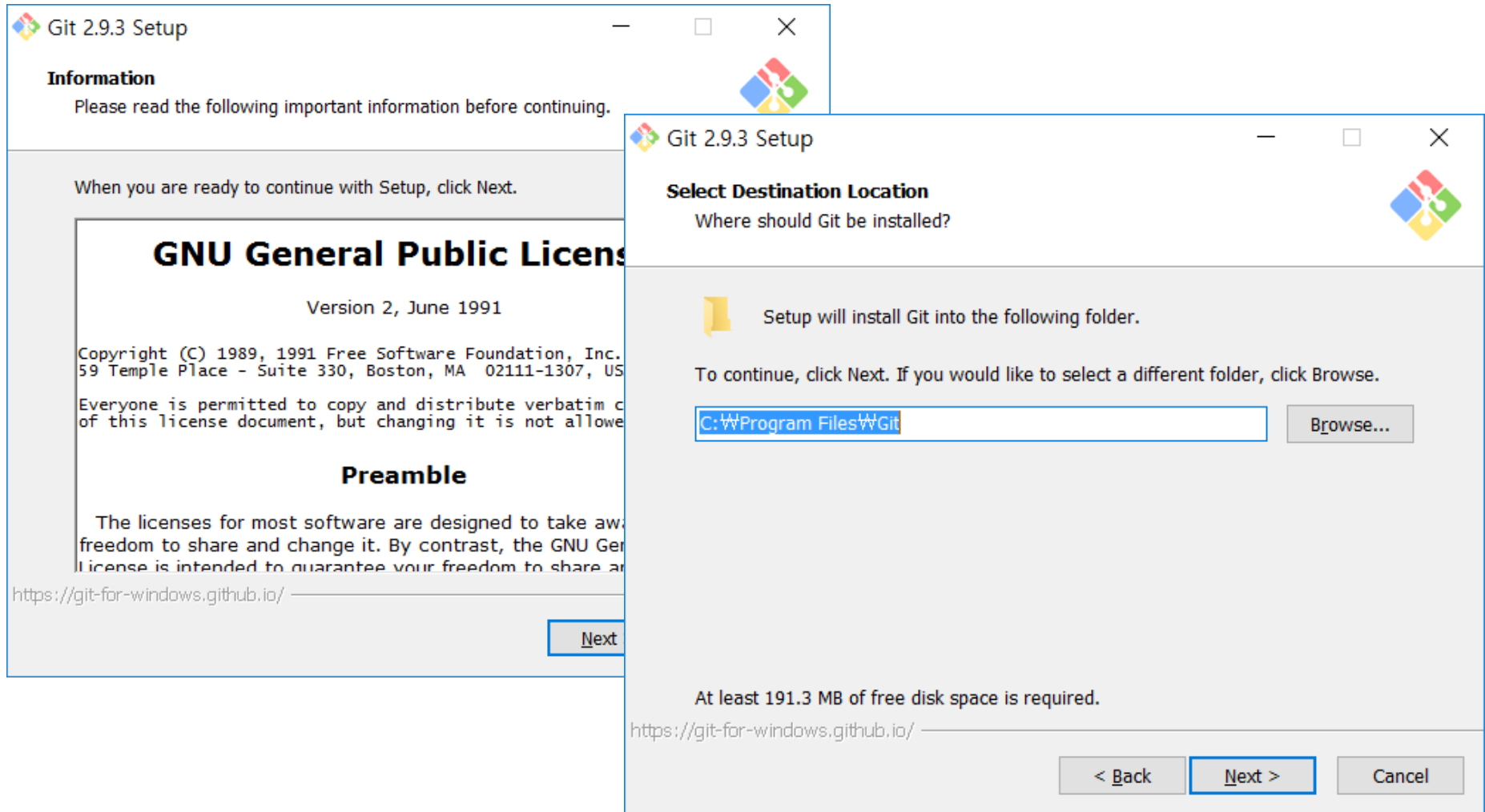
# Git 다운로드

- <http://git-scm.com/downloads>



# Git 설치

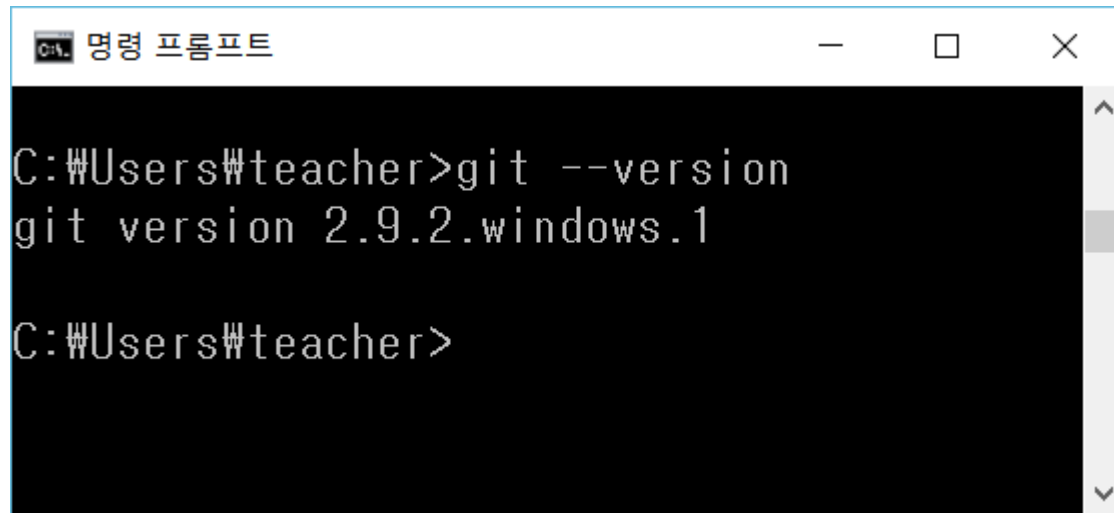
## ■ 디폴트로 Git 설치





# Git 설치 확인

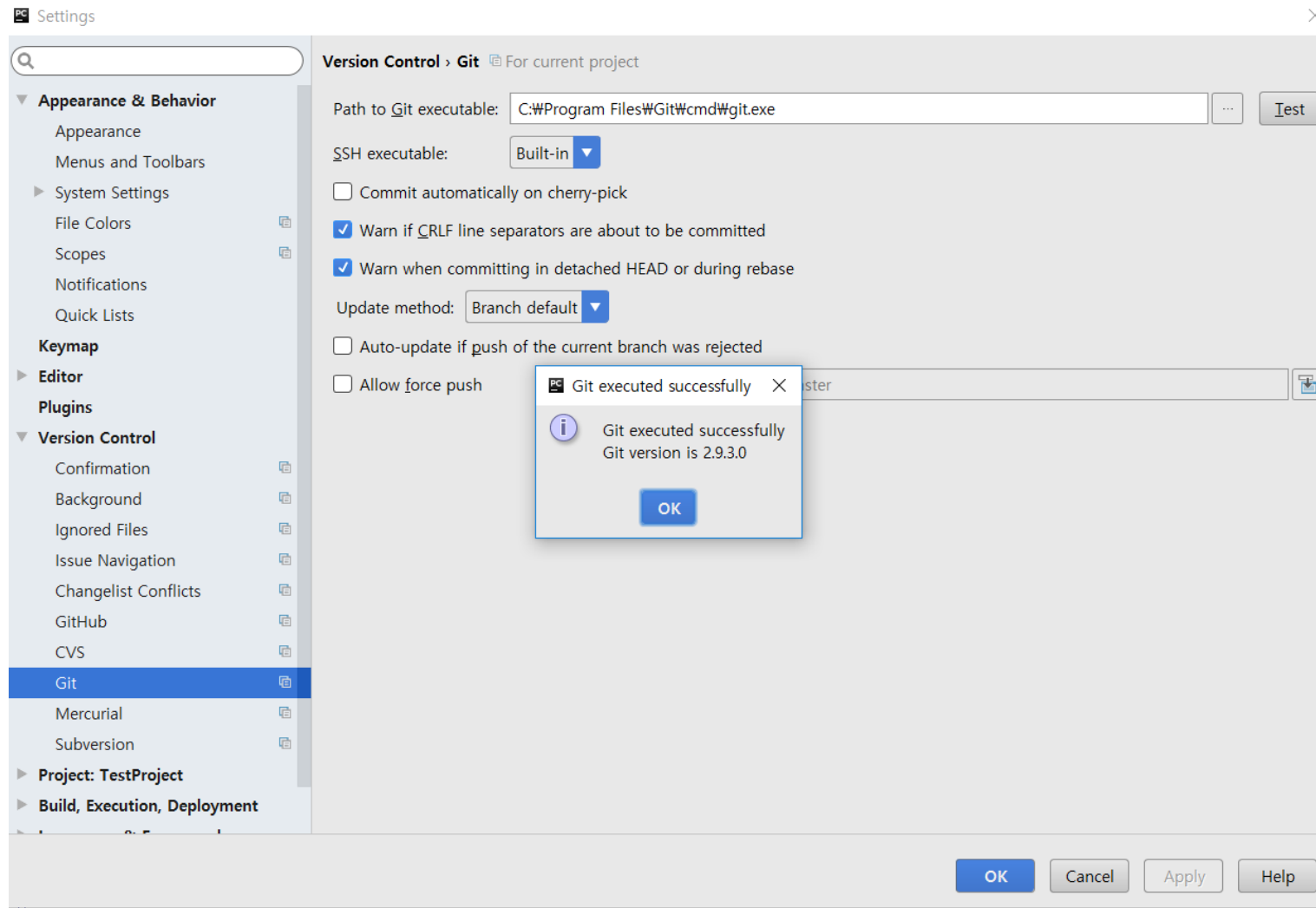
- Command창에서 `git --version` → Git 설치 확인



```
명령 프롬프트
C:\Users\teacher>git --version
git version 2.9.2.windows.1
C:\Users\teacher>
```

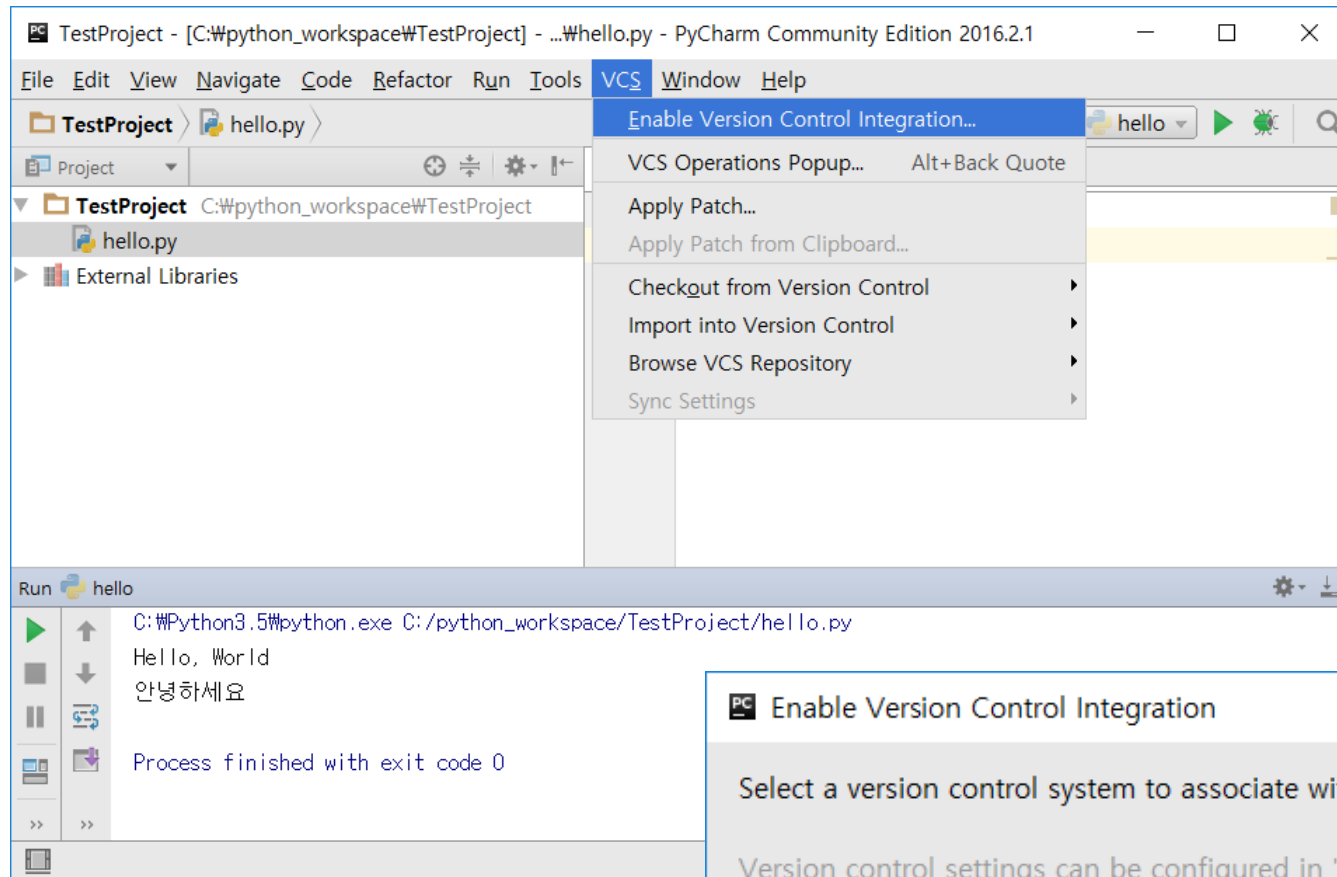
# PyCharm에서 Git 연동

- File 메뉴 → Settings → Version Control → Git → 우측 Test 클릭



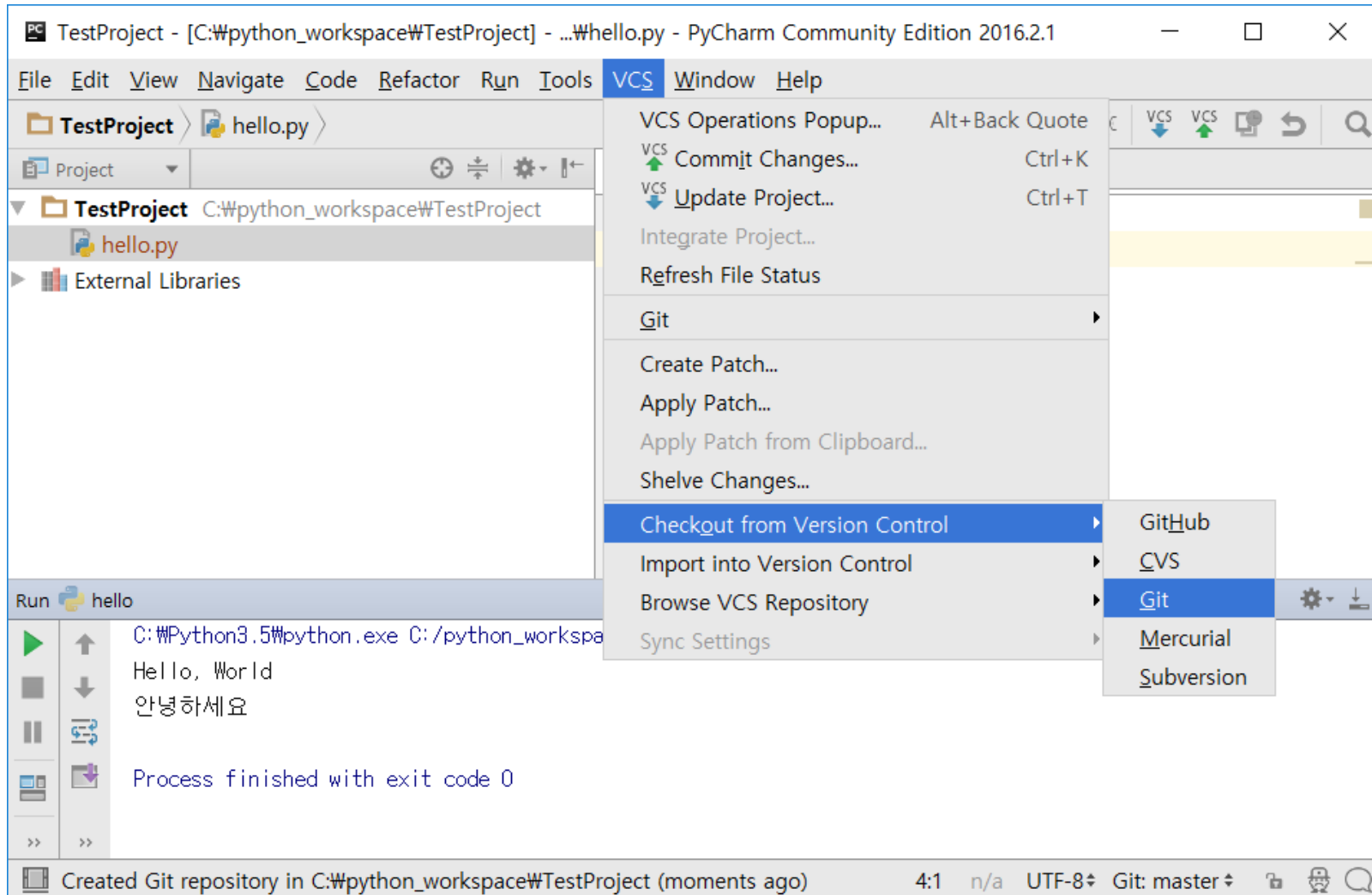
# PyCharm에서 Git 연동

- VCS 메뉴 → Enable Version Control Integration 클릭



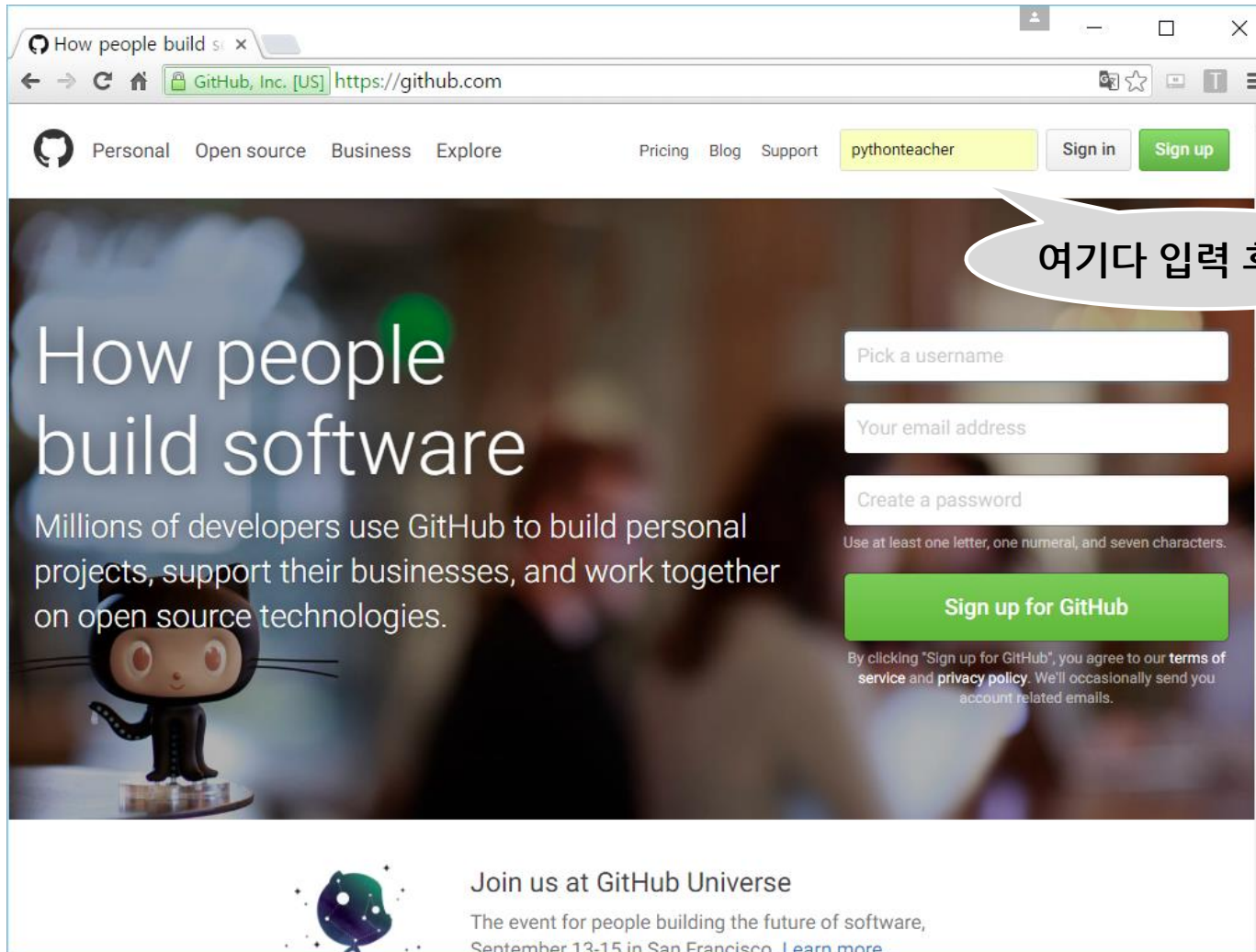
# Checkout from Version Control

- VCS 메뉴 → Checkout from Version Control → Git 선택



# Github 살펴보기

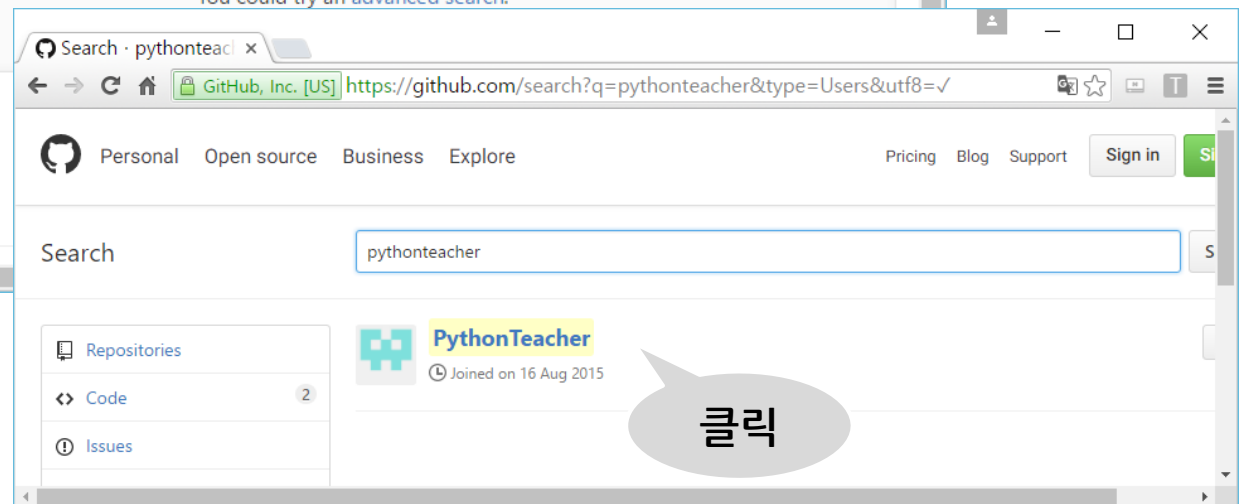
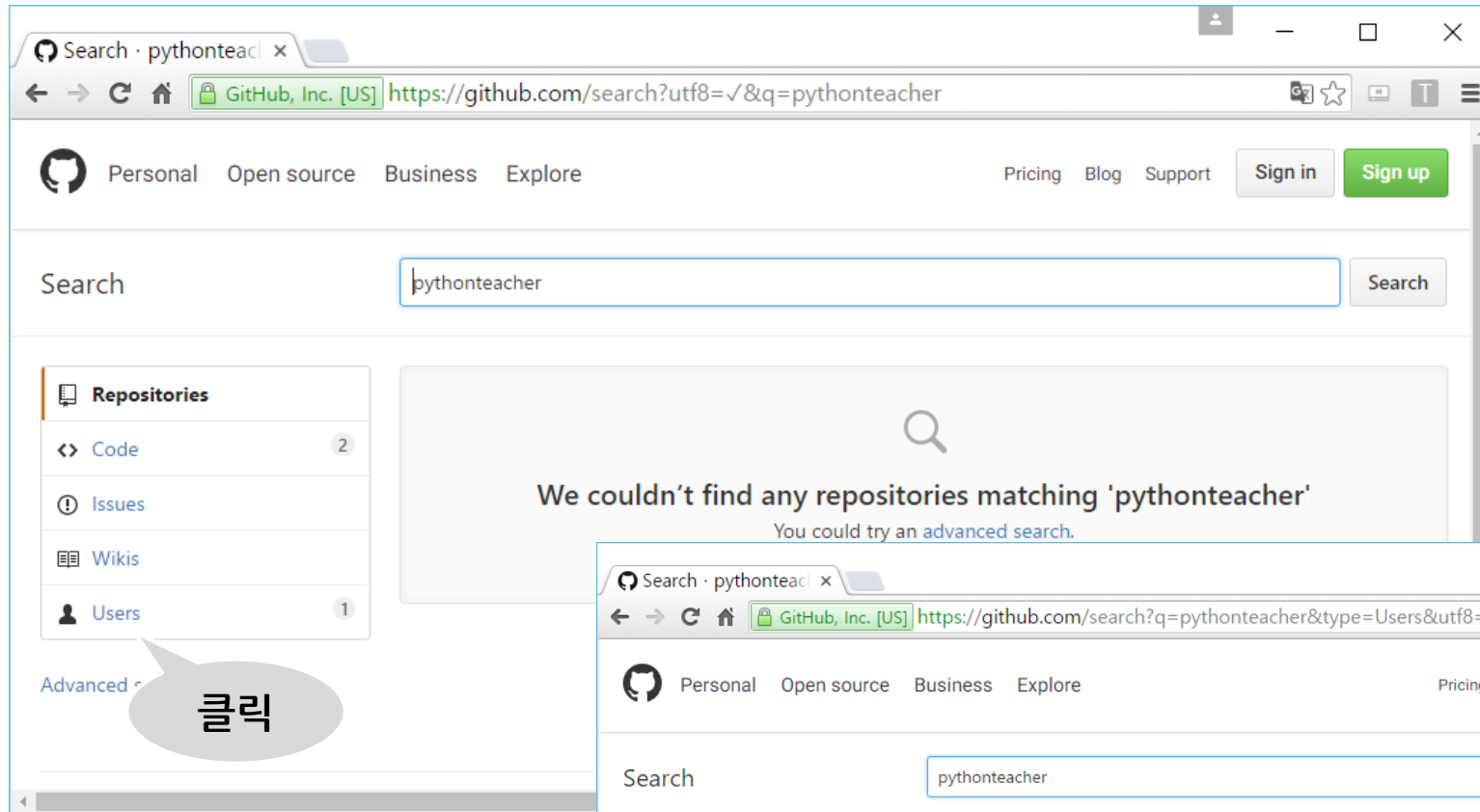
- Github.com에 들어가서 pythonteacher로 검색



여기다 입력 후 엔터

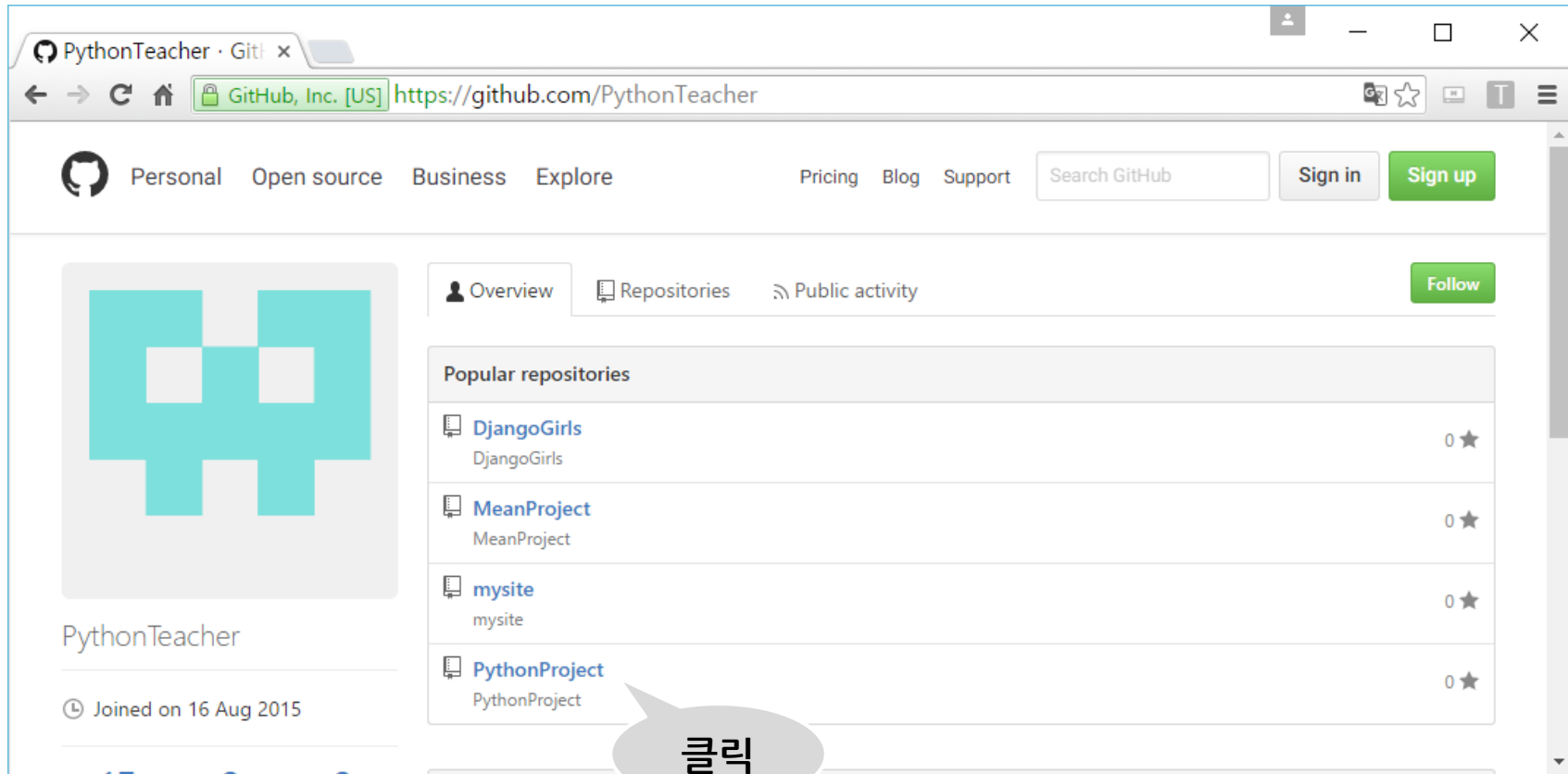
# Github 살펴보기

- Users 클릭 → PythonTeacher 클릭



# Github 살펴보기

- PythonProject 클릭



# Github 살펴보기

- Clone or download 버튼 클릭 → Copy to clipboard 클릭

The screenshot shows the GitHub interface for the repository `PythonTeacher / PythonProject`. The `Clone or download` button is highlighted with a callout bubble labeled **클릭**. A dropdown menu is open, showing the `Clone with HTTPS` option. The dropdown menu contains the following text and buttons:

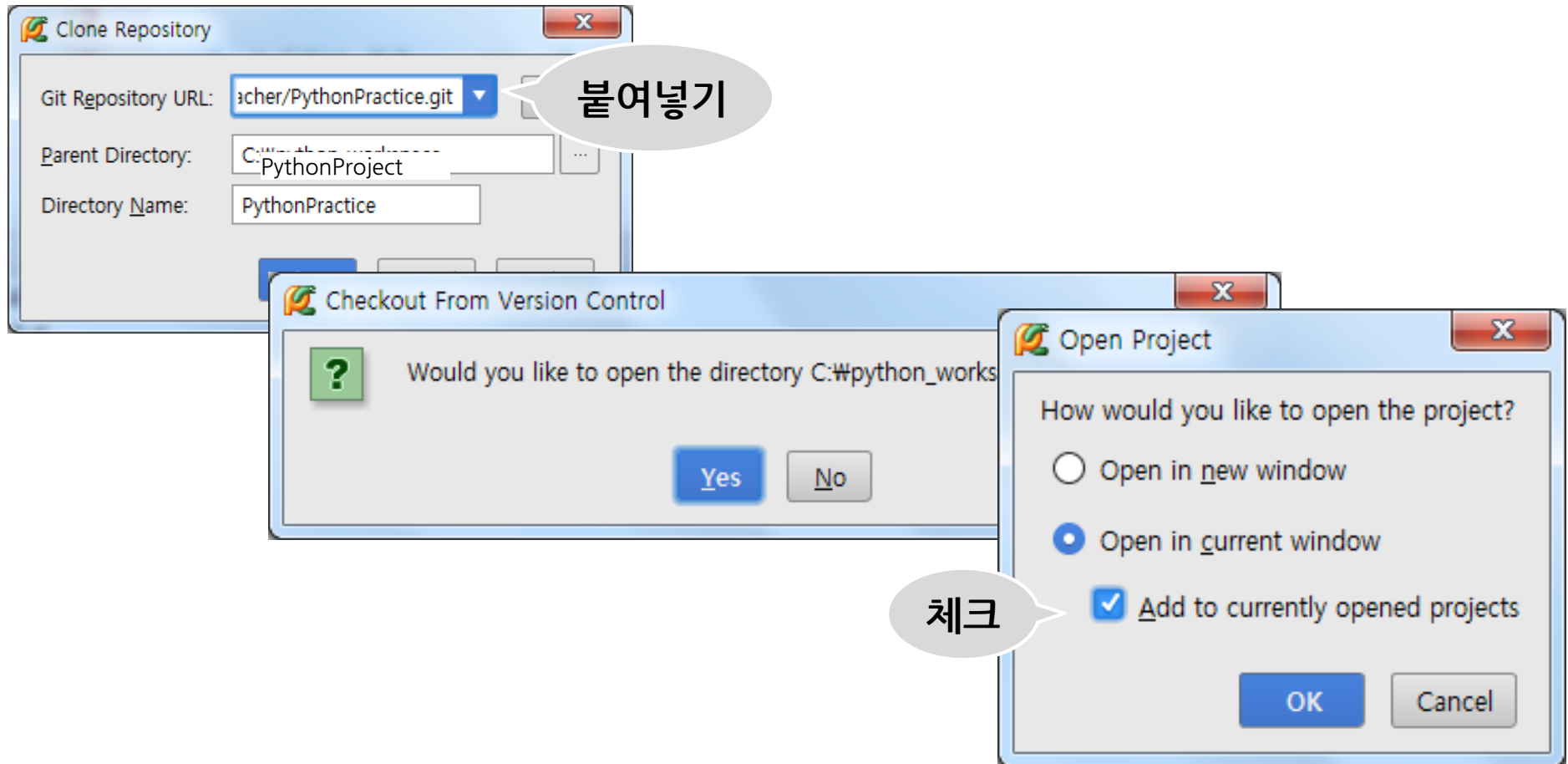
- Clone with HTTPS** (with a help icon)
- Use Git or checkout with SVN using the web URL.
- Text input field containing the URL: `https://github.com/PythonTeacher/PythonPro`
- Copy to clipboard** button (highlighted with a callout bubble labeled **클릭**)
- Open in Desktop** button
- Download ZIP** button

The repository page also shows 7 commits, 1 branch, 0 releases, and 2 contributors. The `README.md` file is visible in the file list.



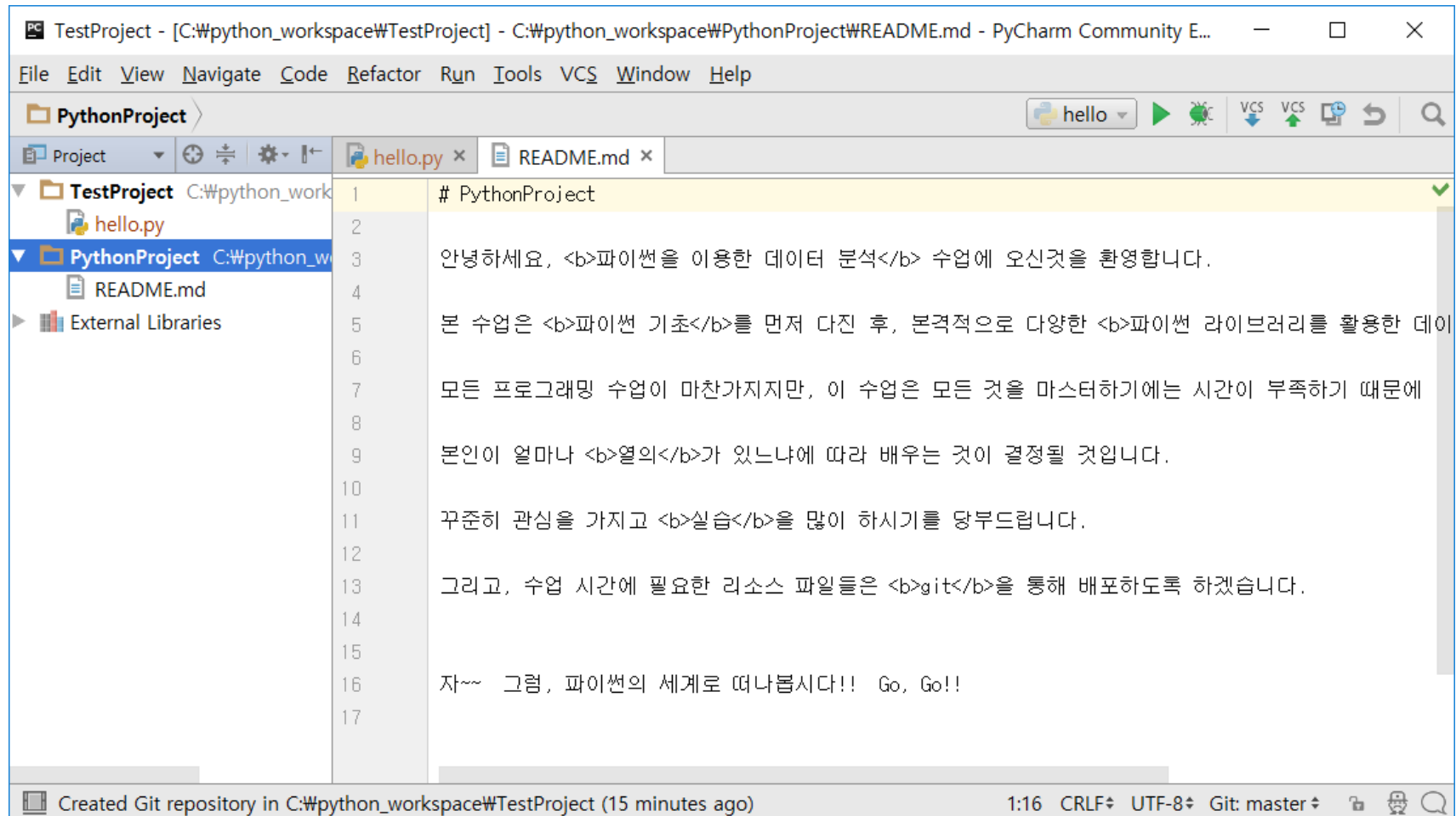
# GitHub Project Checkout

- 복사한 URL을 Git Repository URL에 붙여넣기  
( <https://github.com/PythonTeacher/PythonProject.git> )



# GitHub Project Checkout

- 아래와 같이 PythonProject가 보이면 성공!!



# The end..

- 개발환경구성 하느라 고생했습니다!!
- 수업시간에 밥시당 ^^

