

Chapter 12

Anaconda, Spyder

Sejong Oh

1. Install Anaconda

- 1. Download site
- <https://www.anaconda.com/products/individual>

Anaconda Installers

Windows

Python 3.7

64-Bit Graphical Installer (466 MB)

32-Bit Graphical Installer (423 MB)

Python 2.7

64-Bit Graphical Installer (413 MB)

32-Bit Graphical Installer (356 MB)

MacOS

Python 3.7

64-Bit Graphical Installer (442 MB)

64-Bit Command Line Installer (430 MB)

Python 2.7

64-Bit Graphical Installer (637 MB)

64-Bit Command Line Installer (409 MB)

Linux

Python 3.7

64-Bit (x86) Installer (522 MB)

64-Bit (Power8 and Power9) Installer (276 MB)

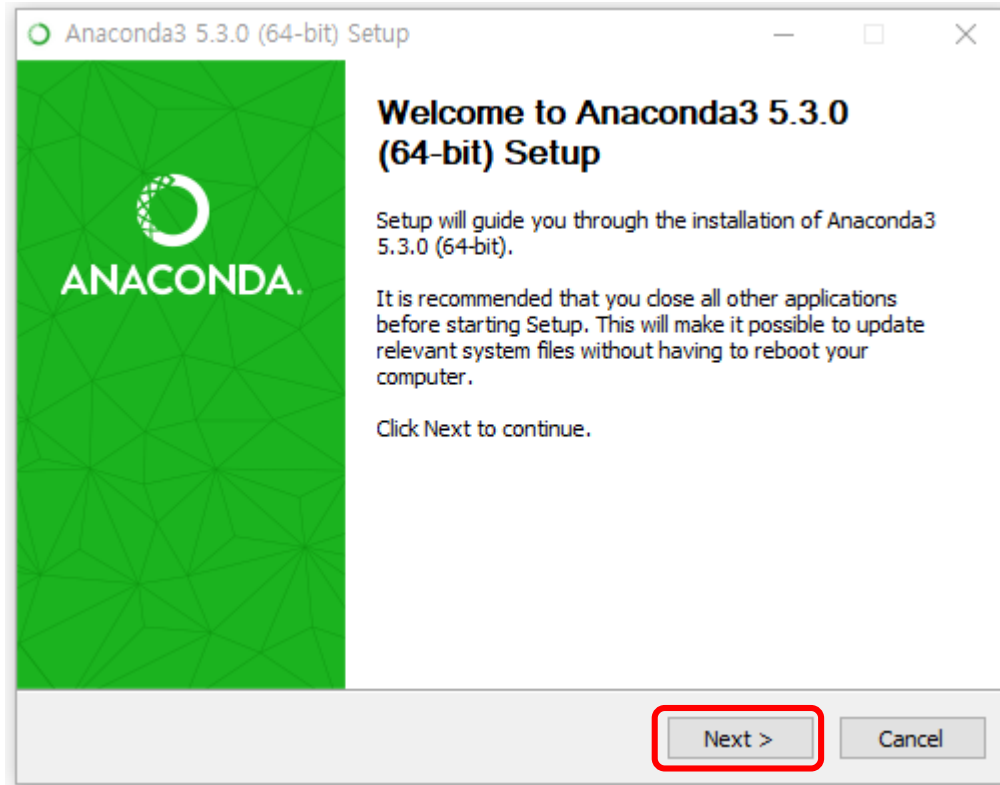
Python 2.7

64-Bit (x86) Installer (477 MB)

64-Bit (Power8 and Power9) Installer (295 MB)

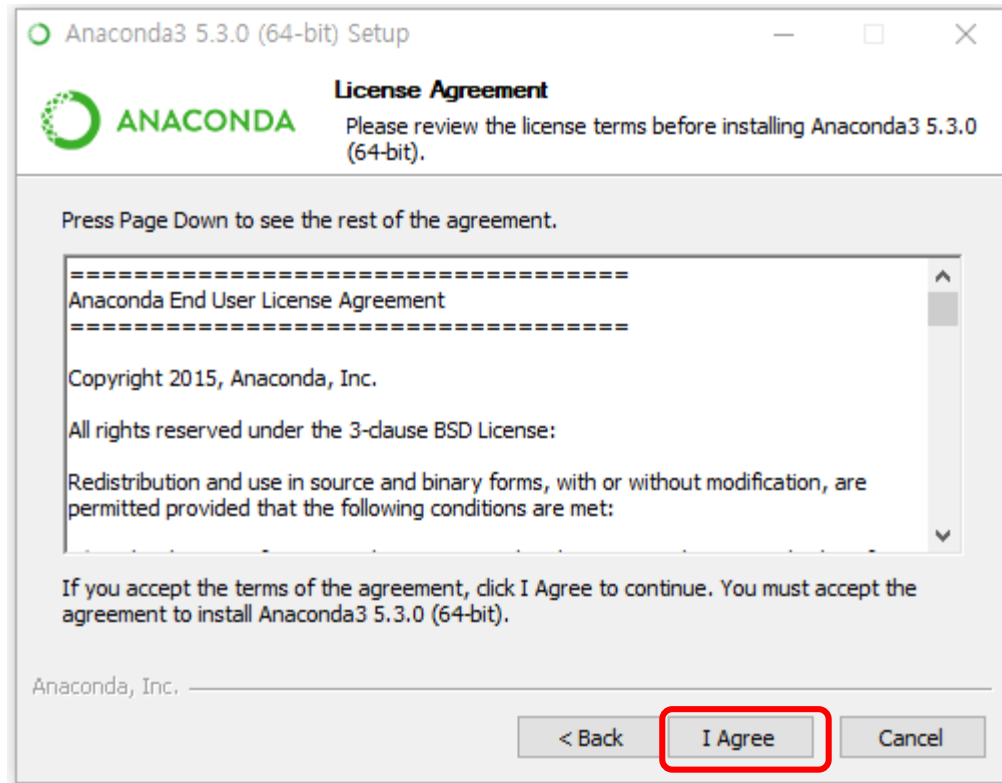
1. Install Anaconda

- 2. 다운받은 설치 파일을 **관리자 권한**으로 실행



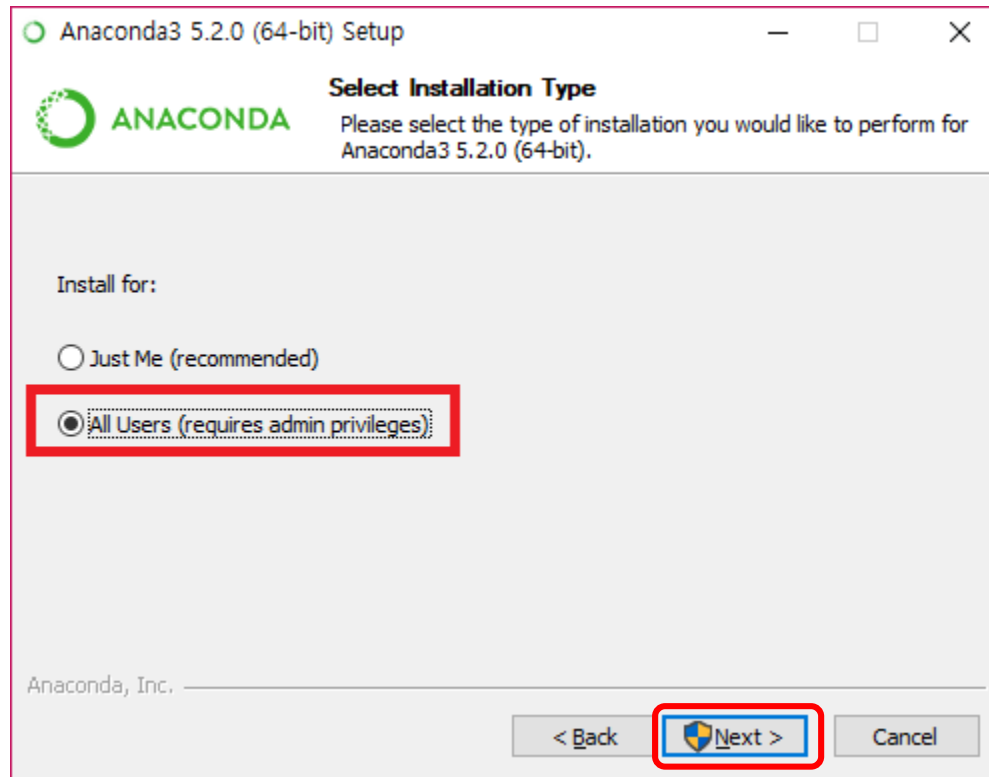
1. Install Anaconda

- 3. I agree 클릭



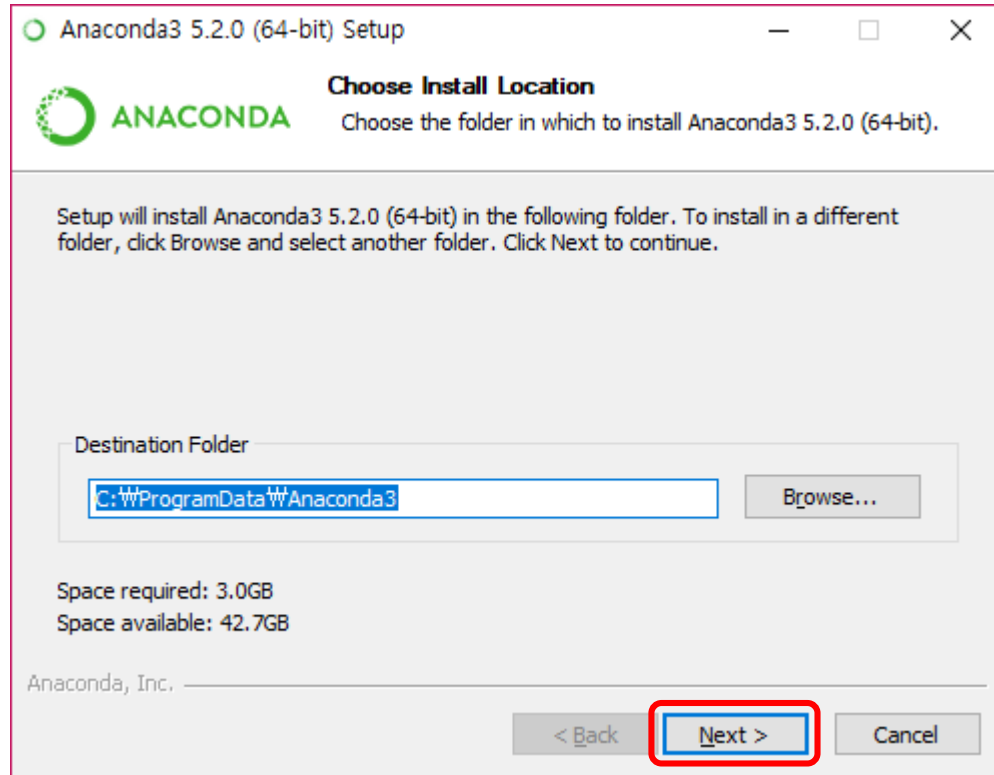
1. Install Anaconda

- 4. All users 선택



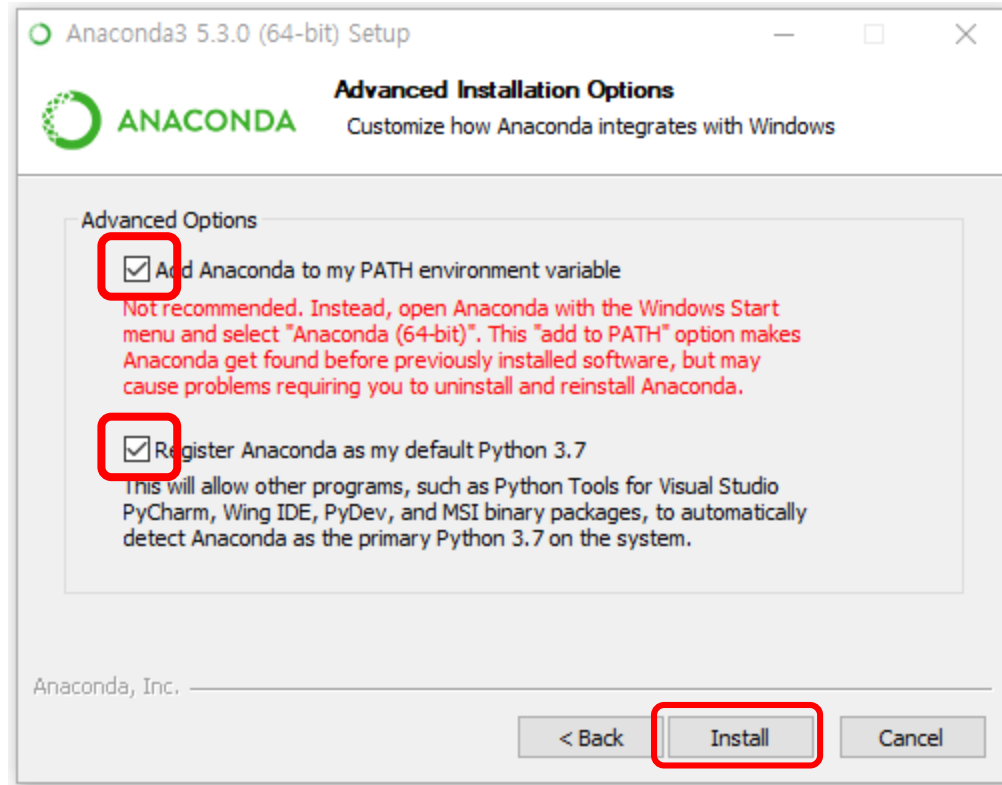
1. Install Anaconda

- 5. 설치 경로 선택 (경로명에 한글이 포함되지 않도록 할것)



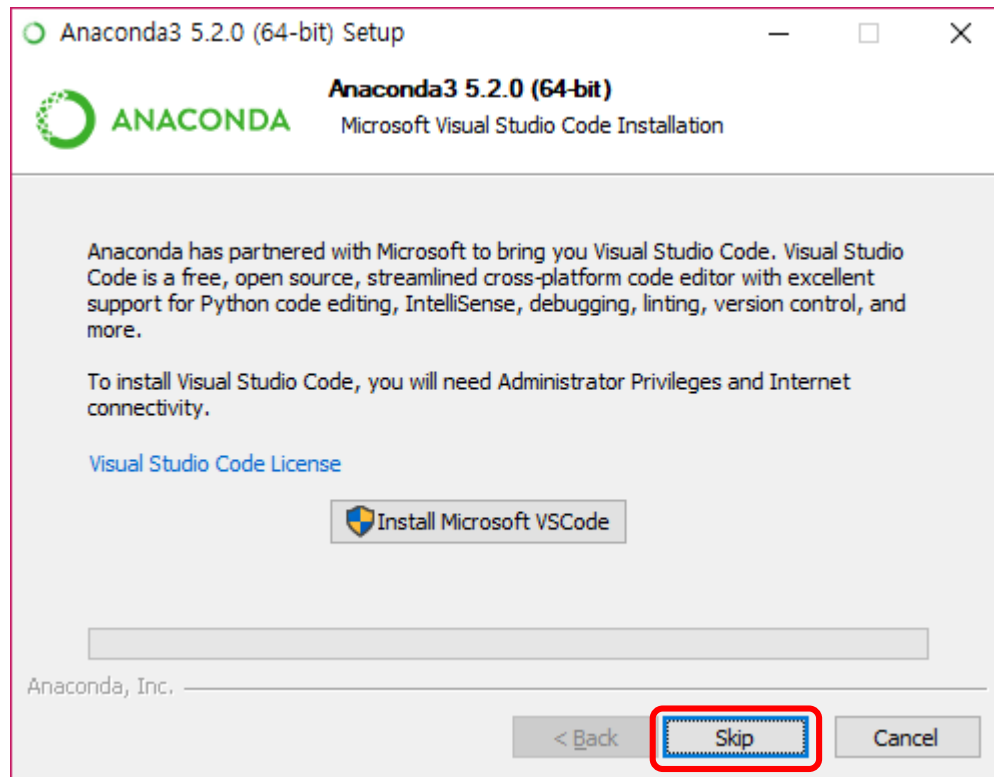
1. Install Anaconda

- 6. 두군데 모두 체크



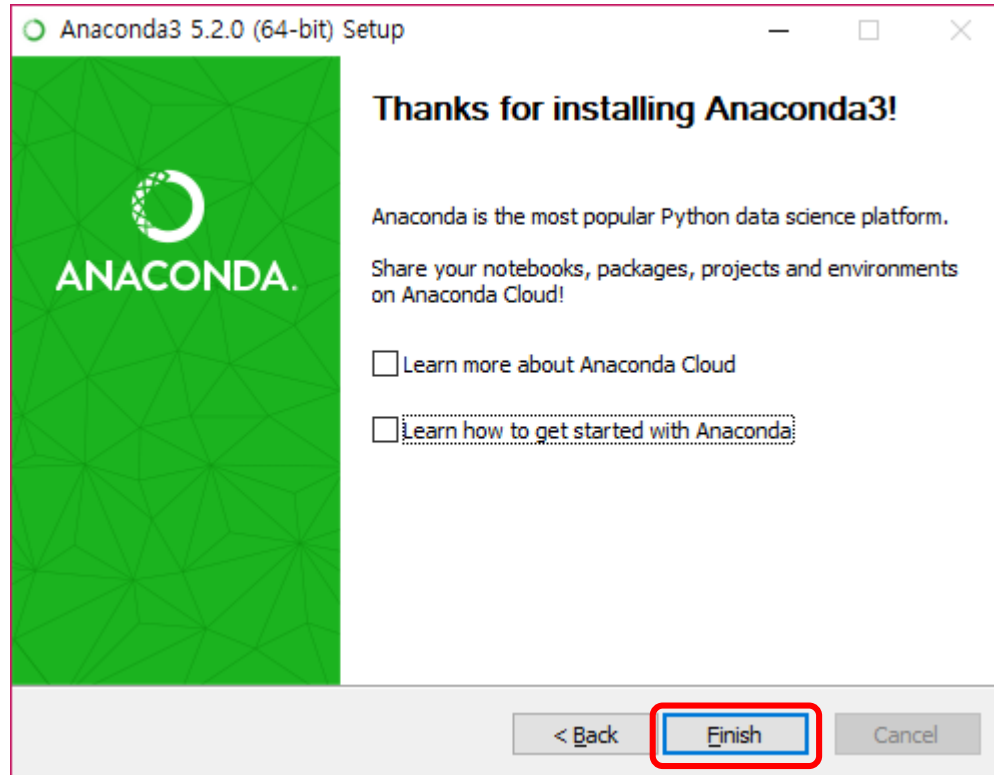
1. Install Anaconda

- 7. Skip 클릭 (VSCode 설치할 필요 없음)

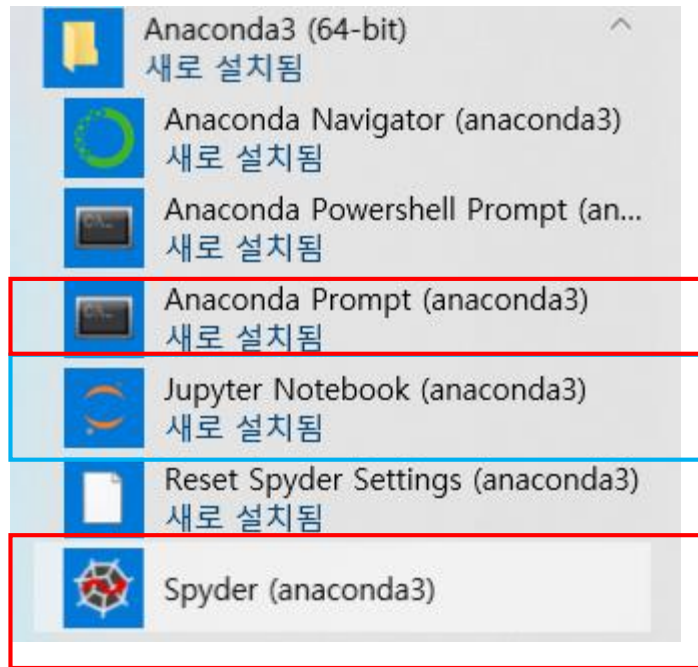


1. Install Anaconda

- 8. Finish 클릭



2. Spyder : python IDE

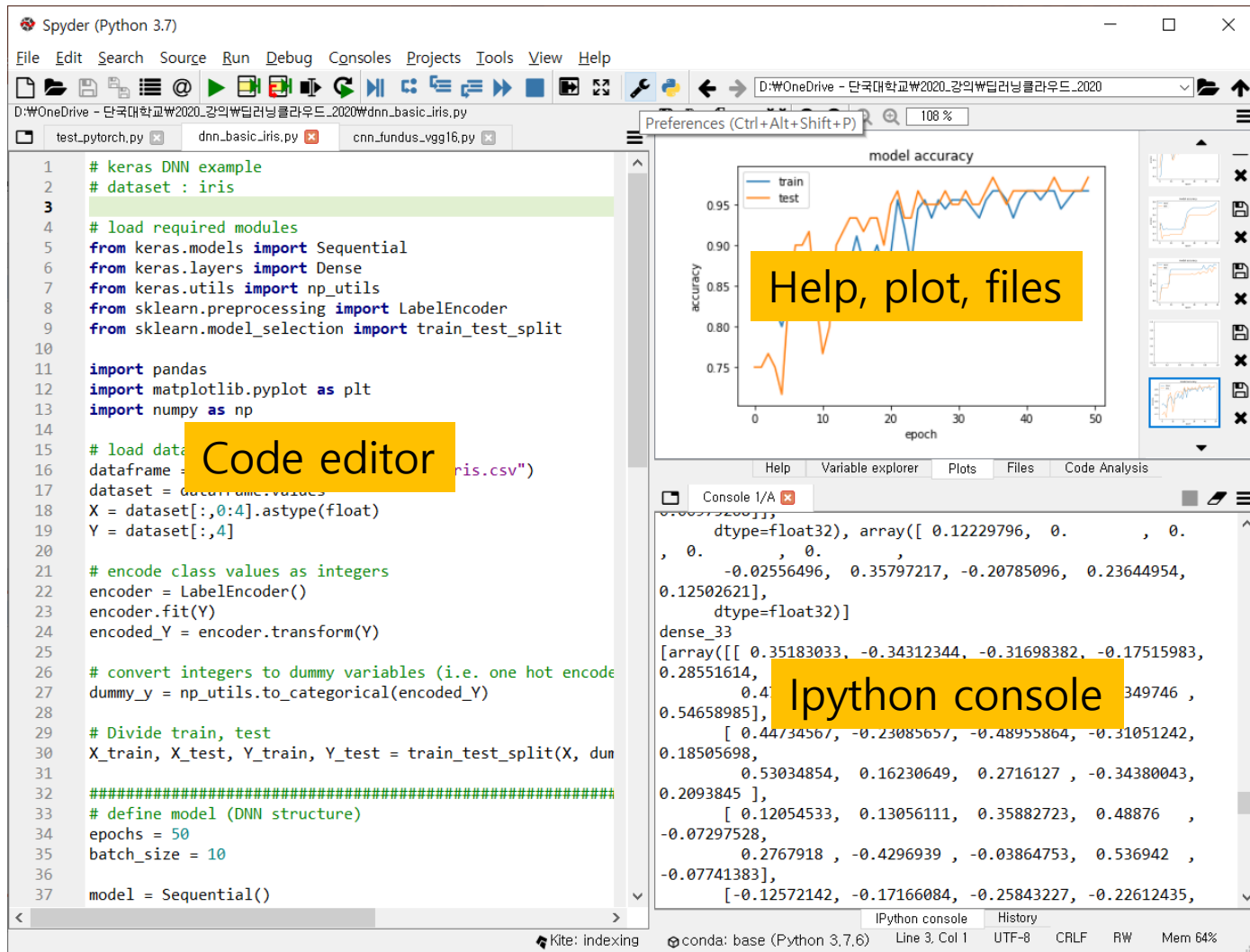


Module (library) 설치시 사용

For exercise Spyder is recommended
If you want, Jupiter Notebook is OK

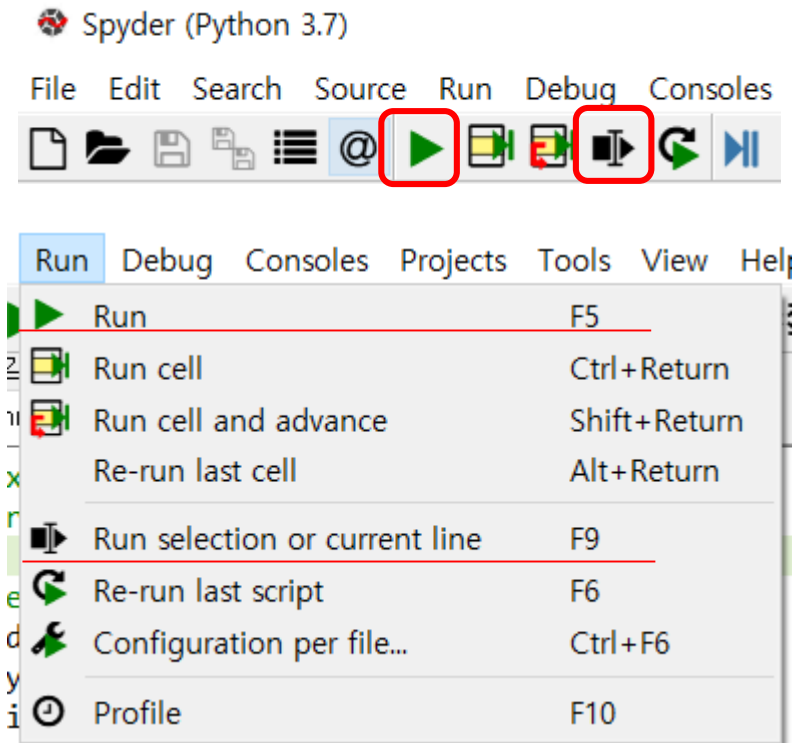
2. Spyder : python IDE

- Spyder



2. Spyder : python IDE

- Run python code

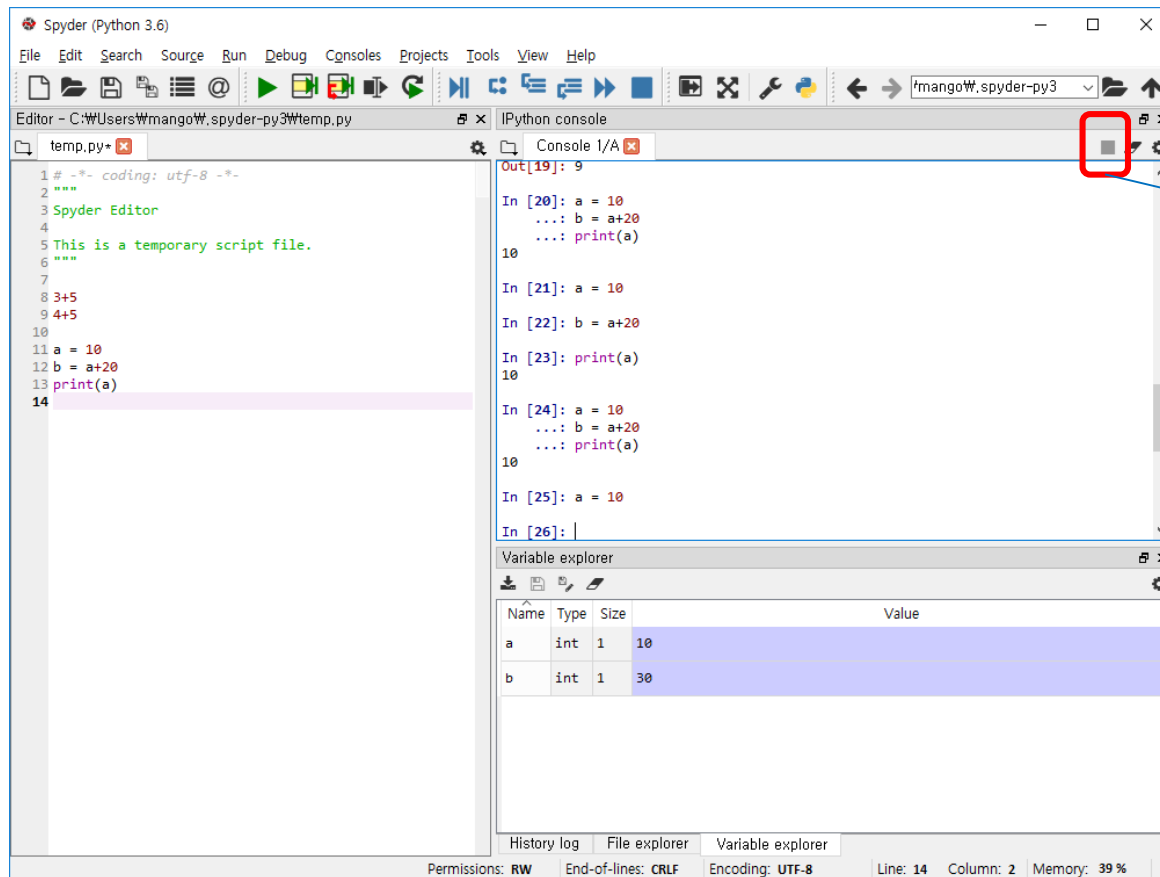


Entire code

Current line or selected code

2. Spyder : python IDE

- Pane layout adjust
 - [View] → [Lock pane] 를 해제하면 드래그&드롭 방식으로 Pane 의 위치를 바꿀 수 있다



Stop
execution

2. Spyder : python IDE

- Spyder tutorial
- <https://fangohr.github.io/blog/spyder-the-scientific-python-development-environment.html>

Spyder: The Scientific Python Development Environment

[Hans Fangohr](#) ([European XFEL](#) & [University of Southampton](#)).

This blog entry has been integrated into Spyder as the *Tutorial*. Once Spyder has started, the most up-to-date version of this tutorial can be found under `Help` -> `Spyder tutorial`.

See the [Spyder website](#) for more information and documentation on the IDE.