



KOREA UNIVERSITY
DATABASE LAB

DB Application Programming Installation Guide




Contents

- Anaconda3 Installation
- Packages Installation
- PyCharm Installation

Anaconda3 Installation

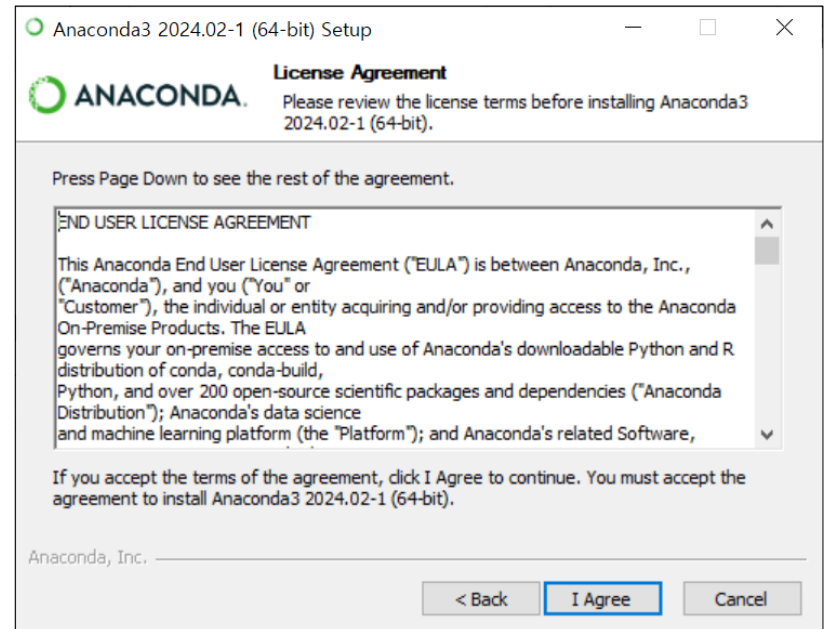
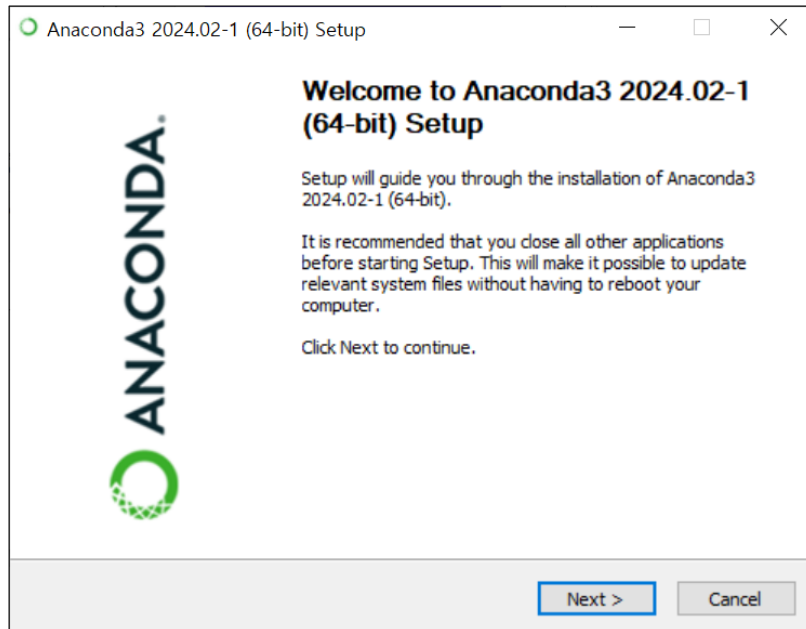
1. Download the 'Anaconda3' from <https://www.anaconda.com/download#downloads>.
2. Choose the appropriate installer for your operation system.

Anaconda Installers

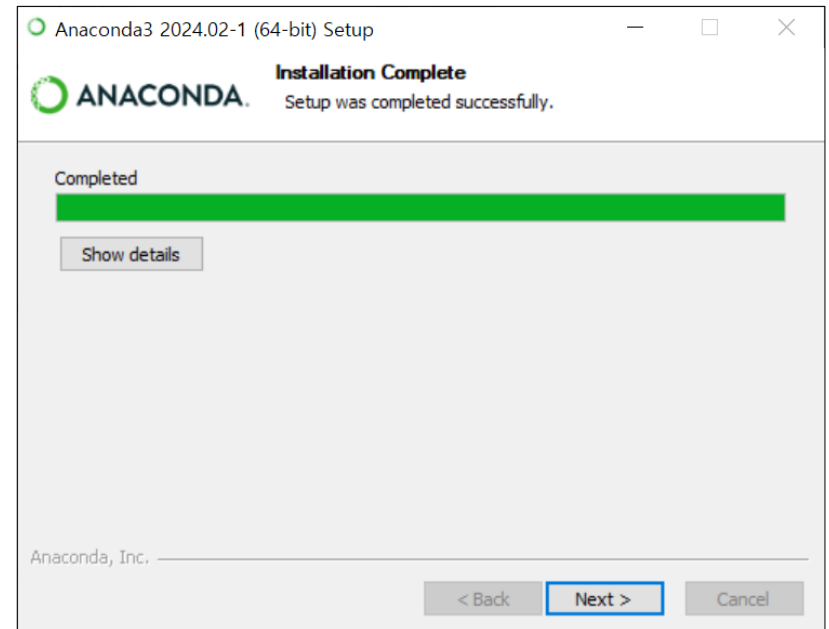
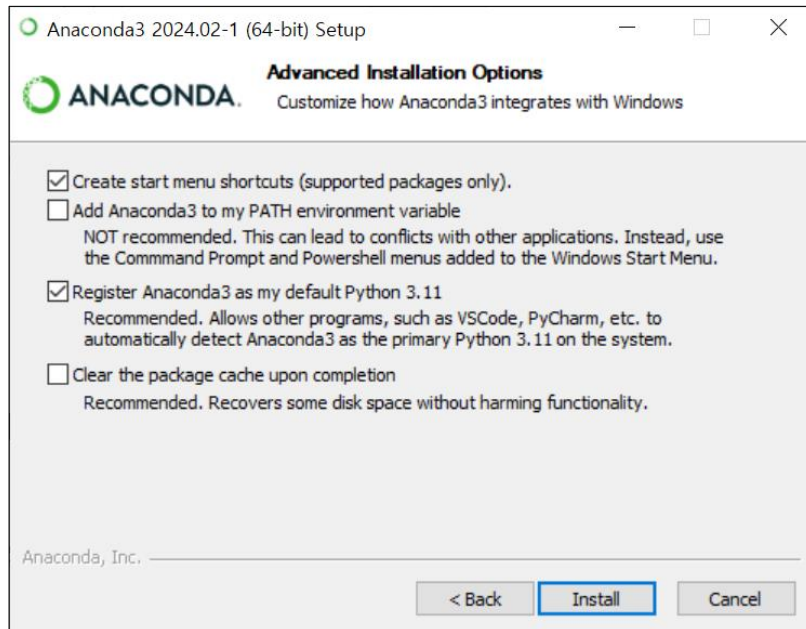
 Windows	 Mac	 Linux
Python 3.11	Python 3.11	Python 3.11
↓ 64-Bit Graphical Installer (904.4M)	↓ 64-Bit Graphical Installer (728.7M)	↓ 64-Bit (x86) Installer (997.2M)
	↓ 64-Bit Command Line Installer (731.2M)	↓ 64-Bit (AWS Graviton2 / ARM64) Installer (798.5M)
	↓ 64-Bit (M1) Graphical Installer (697.4M)	↓ 64-bit (Linux on IBM Z & LinuxONE) Installer (91.8M)
	↓ 64-Bit (M1) Command Line Installer (700 M)	

Anaconda3 Installation

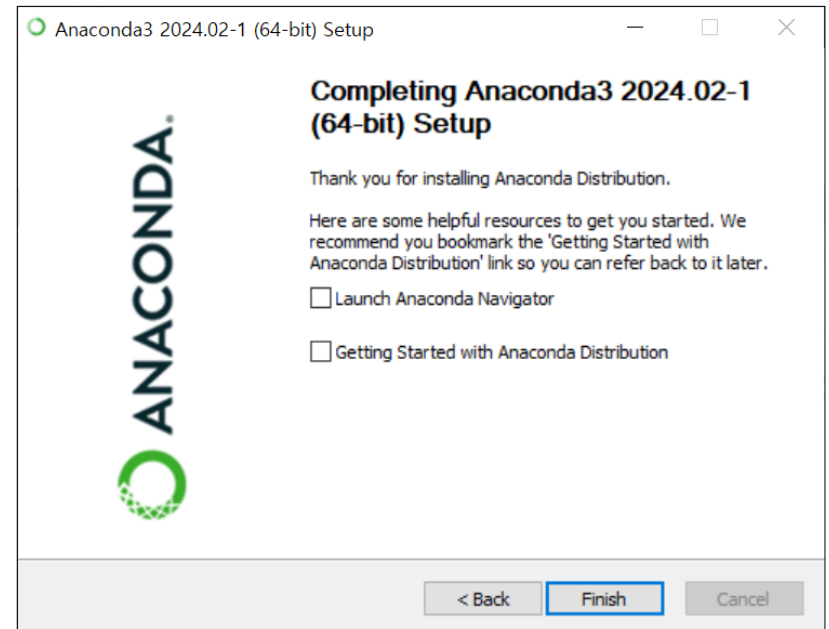
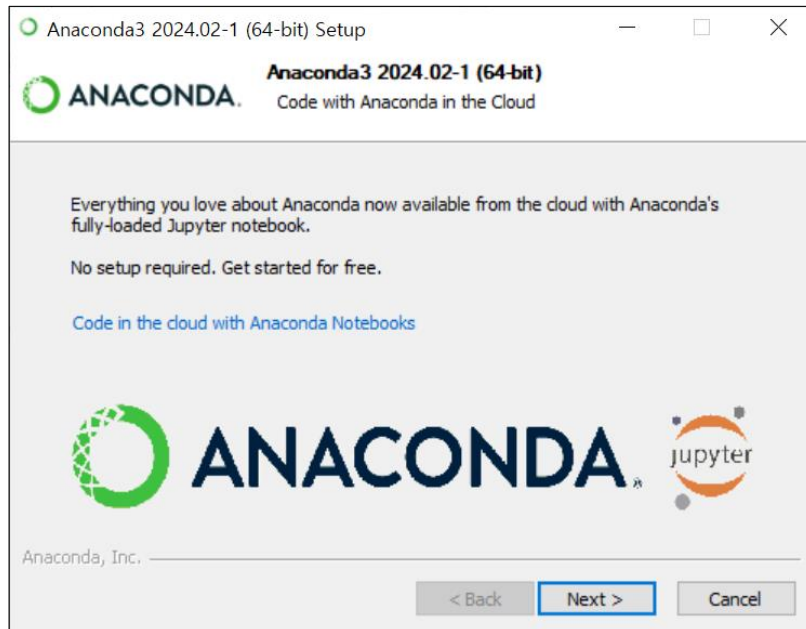
3. Install the 'Anaconda3' (just click next).
 - Version can be different.



Anaconda3 Installation



Anaconda3 Installation

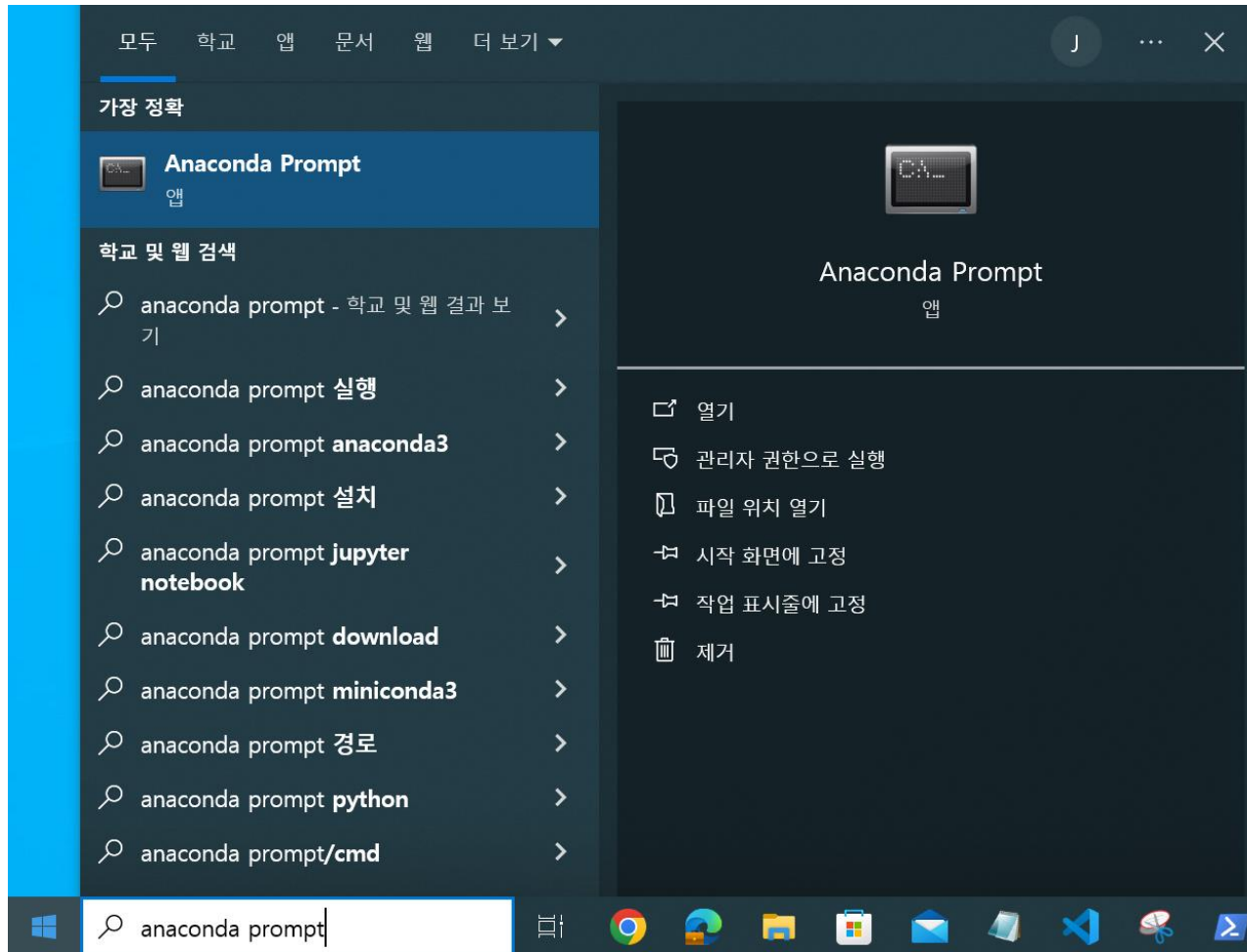


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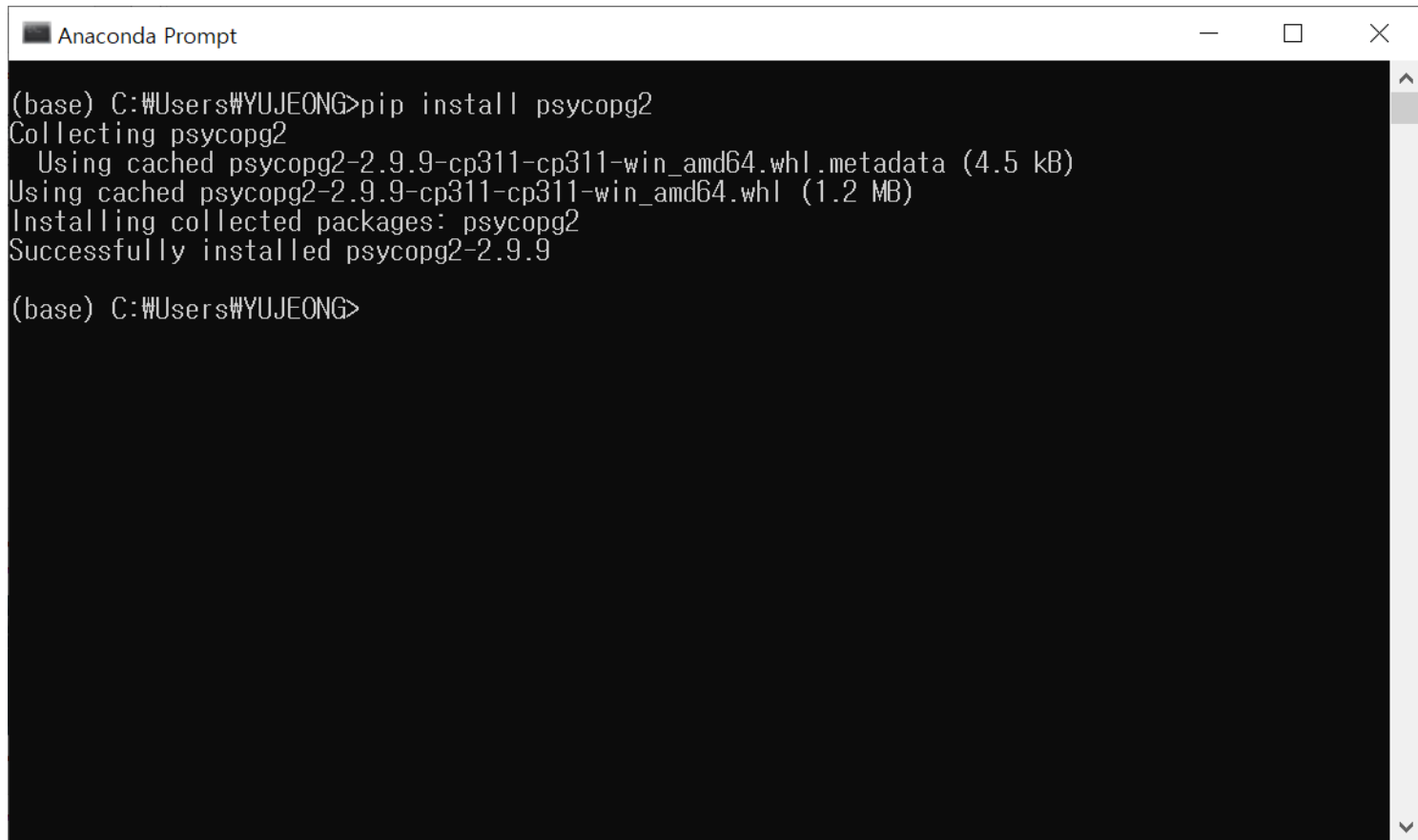
Packages Installation

1. Open 'Anaconda Prompt'



Packages Installation

2. Run 'pip install psycopg2'.
 - Version of packages(psycopg2, flask) can be different.



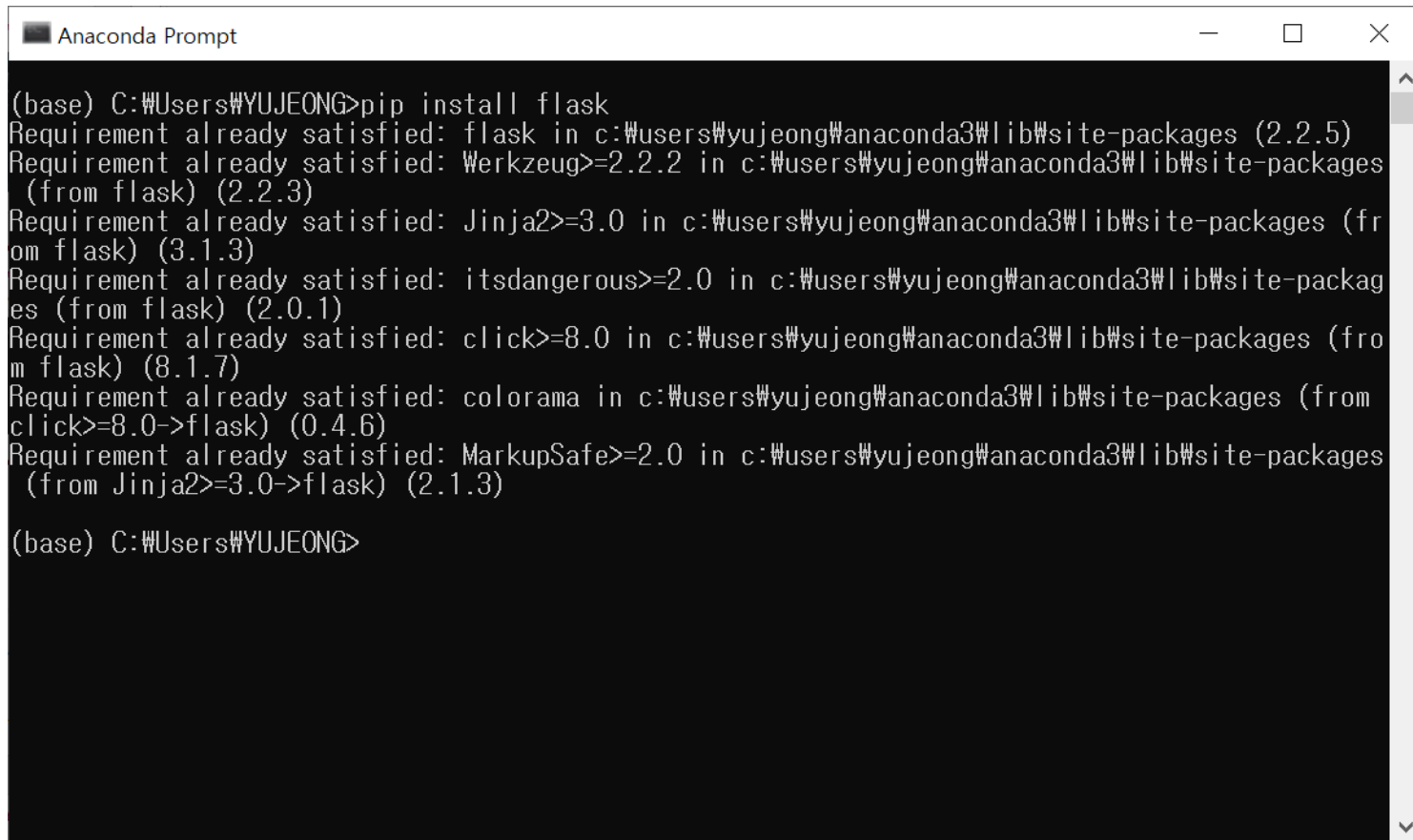
```
Anaconda Prompt

(base) C:\Users\WYUJEONG>pip install psycopg2
Collecting psycopg2
  Using cached psycopg2-2.9.9-cp311-cp311-win_amd64.whl.metadata (4.5 kB)
Using cached psycopg2-2.9.9-cp311-cp311-win_amd64.whl (1.2 MB)
Installing collected packages: psycopg2
Successfully installed psycopg2-2.9.9

(base) C:\Users\WYUJEONG>
```

Packages Installation

3. Run '**pip install flask**'. (may already be installed by Anaconda3)
 - Version of packages(psycopg2, flask) can be different.



```
Anaconda Prompt

(base) C:\Users\WYUJEONG>pip install flask
Requirement already satisfied: flask in c:\users\wyujeong\anaconda3\lib\site-packages (2.2.5)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\wyujeong\anaconda3\lib\site-packages
(from flask) (2.2.3)
Requirement already satisfied: Jinja2>=3.0 in c:\users\wyujeong\anaconda3\lib\site-packages (fr
om flask) (3.1.3)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\wyujeong\anaconda3\lib\site-packag
es (from flask) (2.0.1)
Requirement already satisfied: click>=8.0 in c:\users\wyujeong\anaconda3\lib\site-packages (fro
m flask) (8.1.7)
Requirement already satisfied: colorama in c:\users\wyujeong\anaconda3\lib\site-packages (from
click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\wyujeong\anaconda3\lib\site-packages
(from Jinja2>=3.0->flask) (2.1.3)

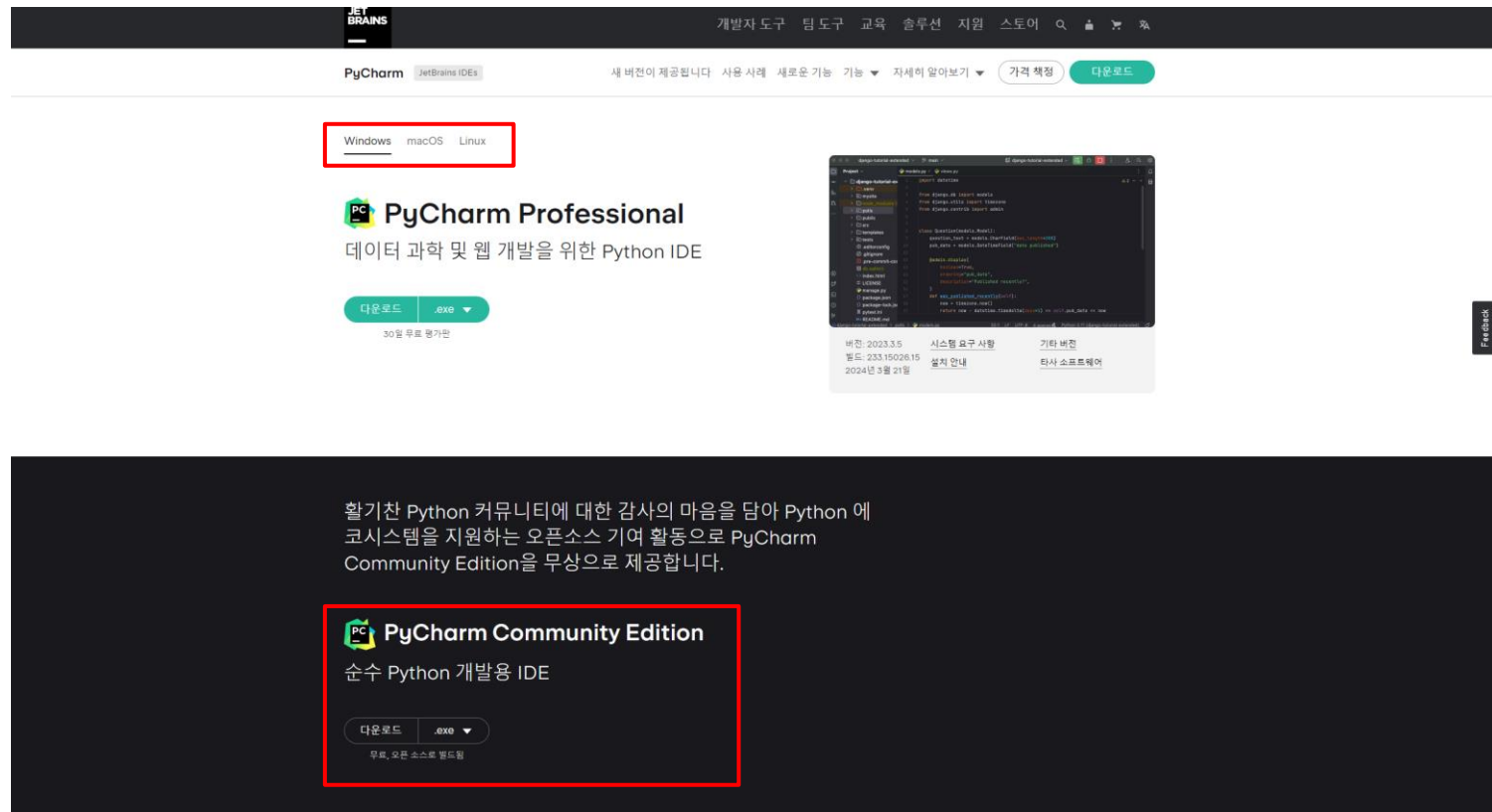
(base) C:\Users\WYUJEONG>
```

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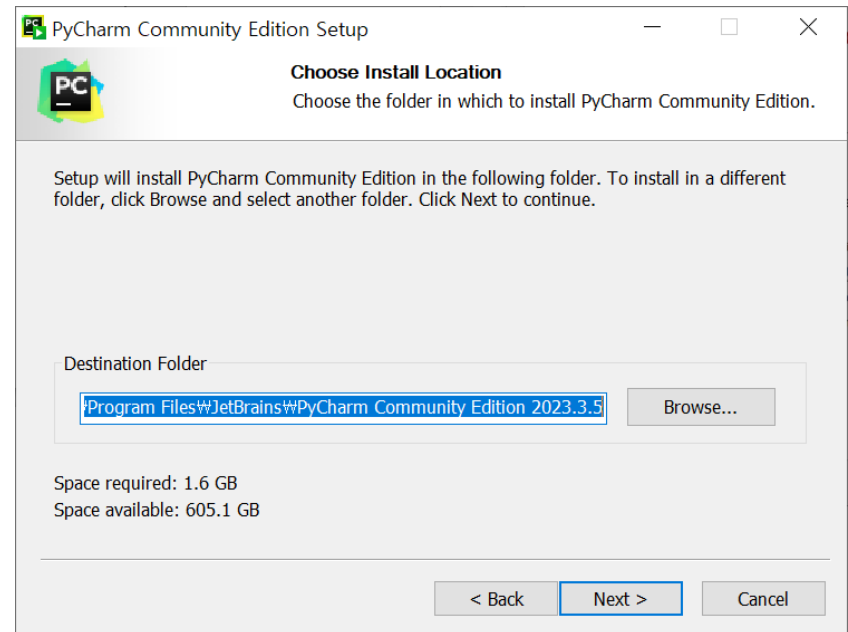
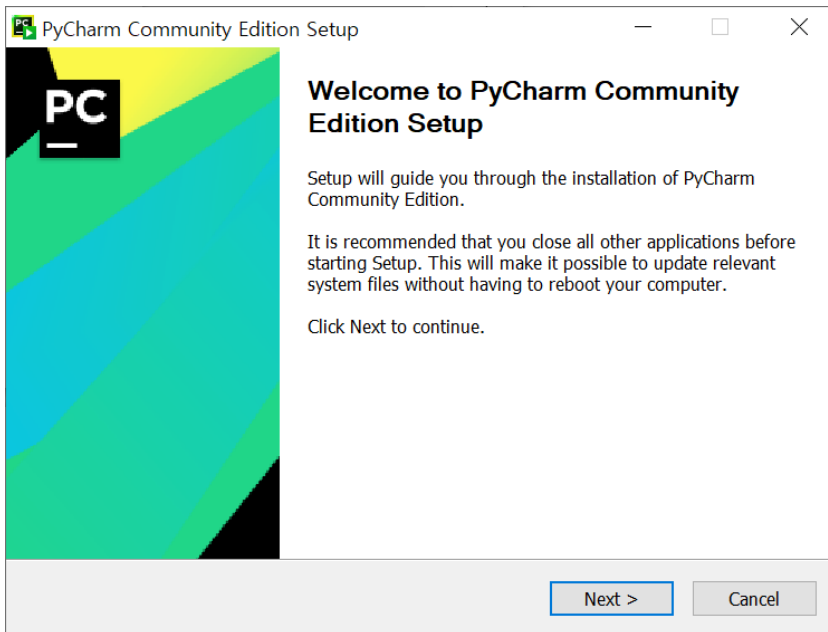
PyCharm Installation

1. Download the 'PyCharm' from <https://www.jetbrains.com/ko-kr/pycharm/download/?section=windows#section=windows>.
2. Choose the appropriate installer for your operation system.

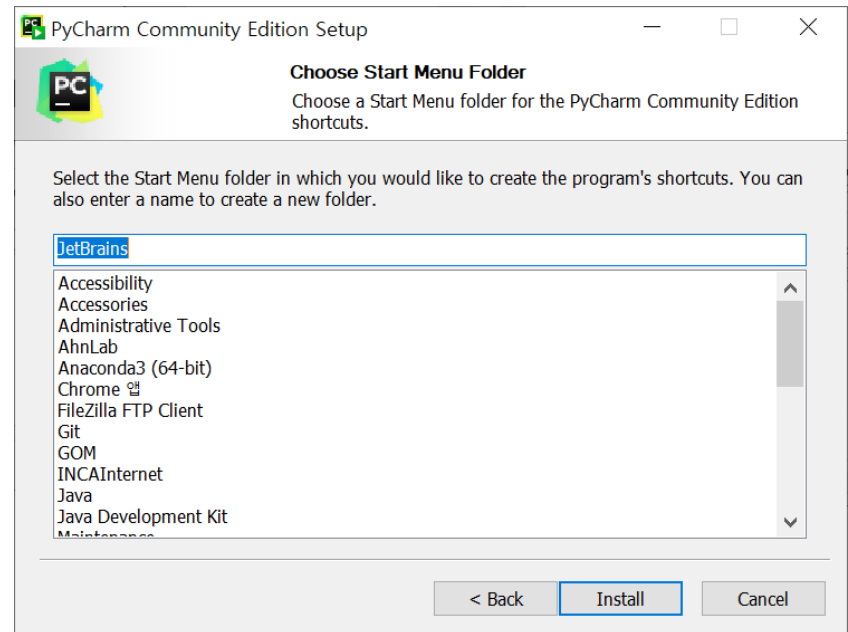
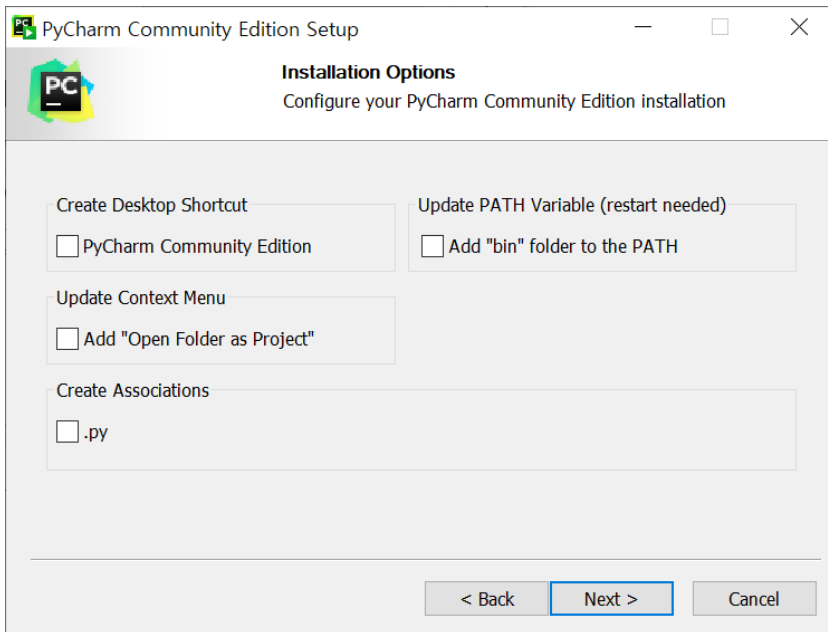


PyCharm Installation

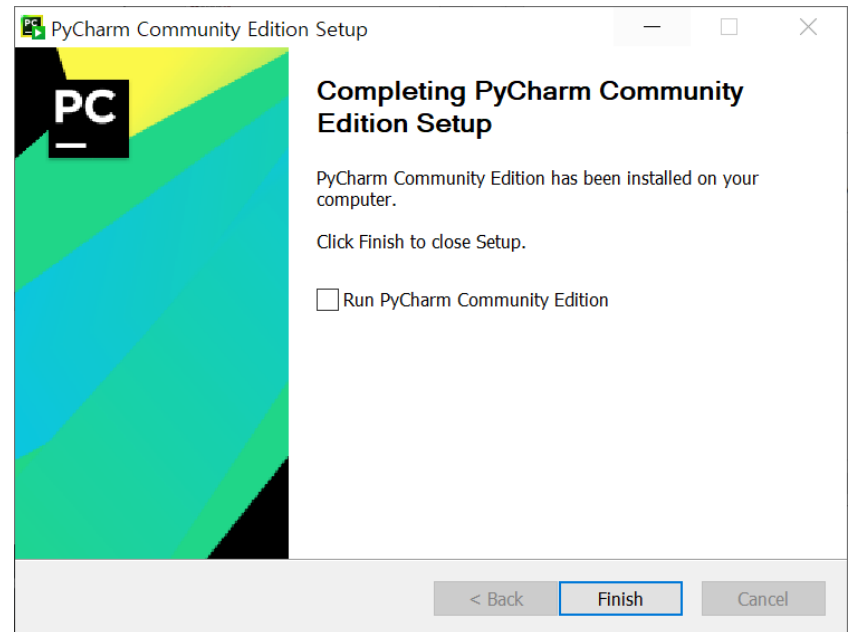
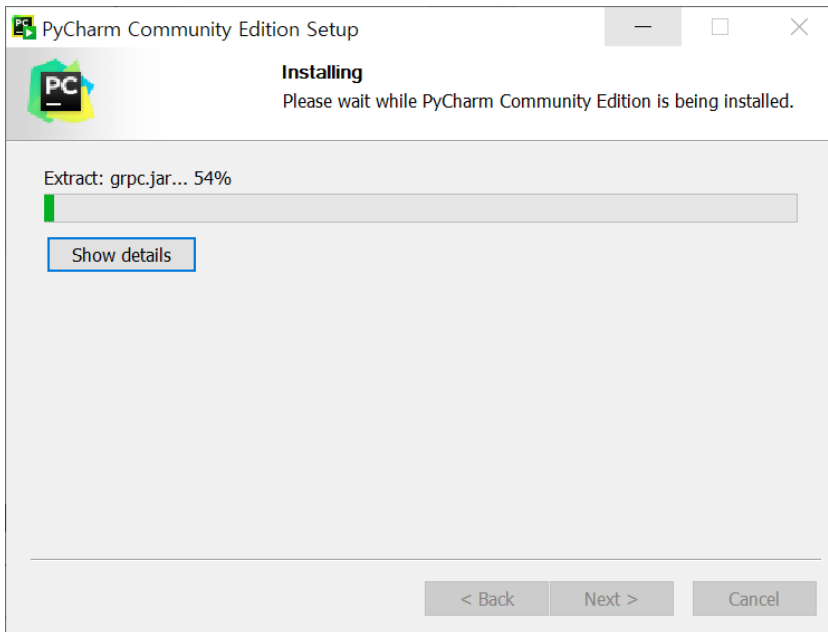
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PyCharm Installation

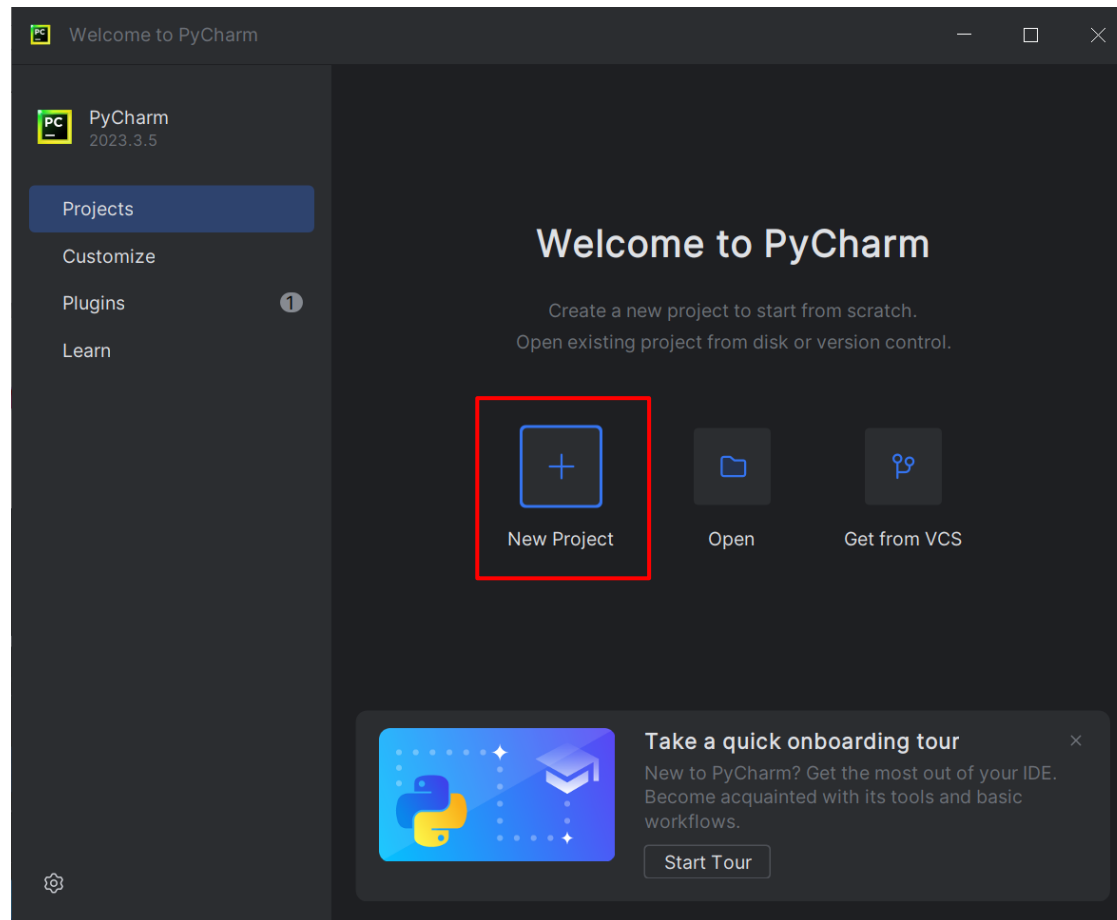


PyCharm Installation



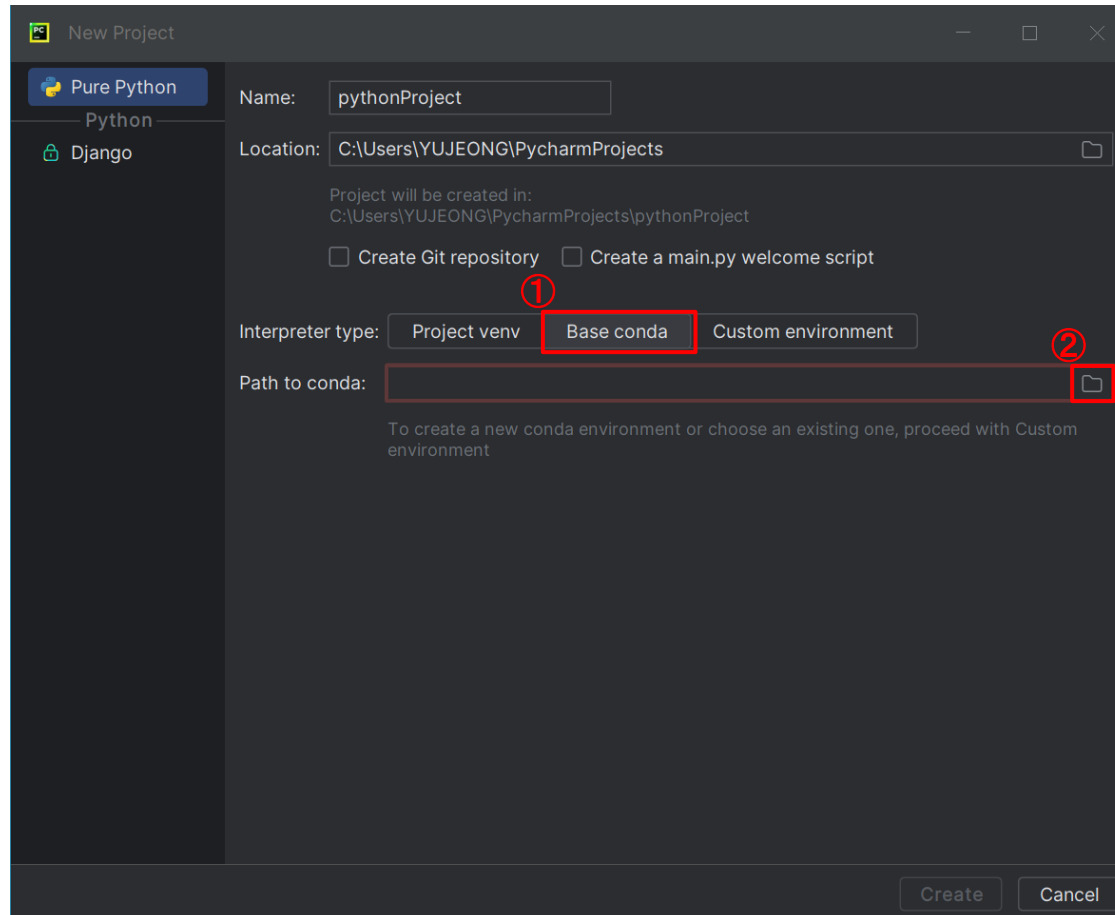
PyCharm Installation

4. Run 'PyCharm' and create a new project.



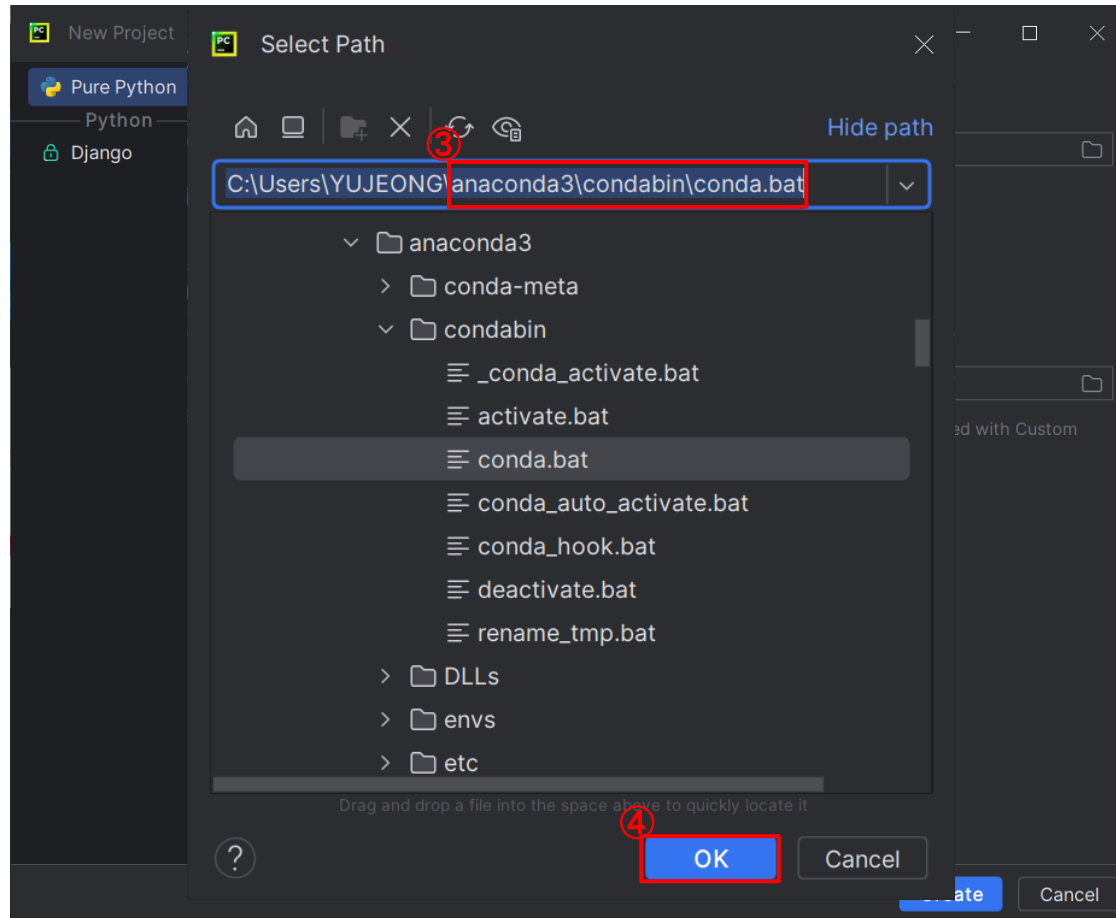
PyCharm Installation

- Set up the interpreter to the Conda Environment.
 - Path to conda: *{Path Where You Installed Anaconda3}\condabin\conda.bat*



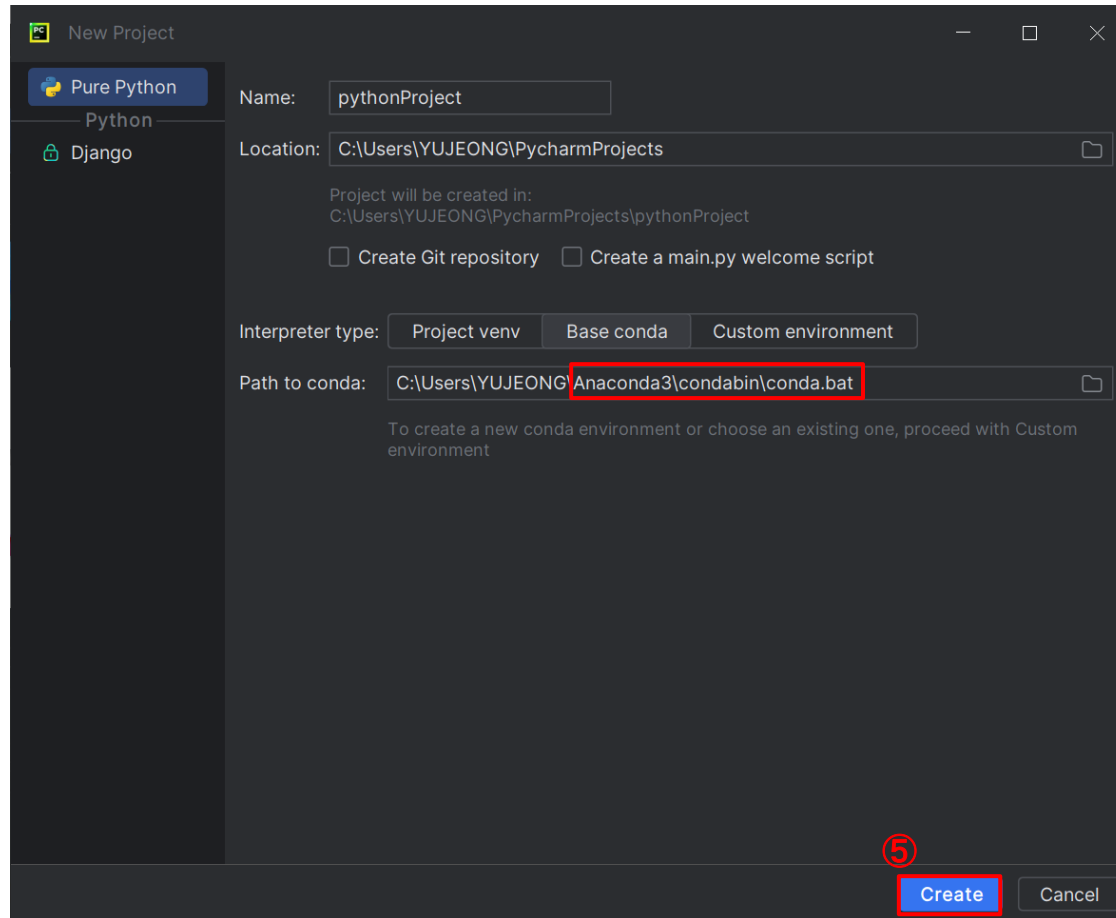
PyCharm Installation

5. Set up the interpreter to the Conda Environment.
 - Path to conda: *{Path Where You Installed Anaconda3}\condabin\conda.bat*



PyCharm Installation

5. Set up the interpreter to the Conda Environment.
 - Path to conda: *{Path Where You Installed Anaconda3}\condabin\conda.bat*



PyCharm Installation

6. You can create files and folders by right-clicking on the project.

