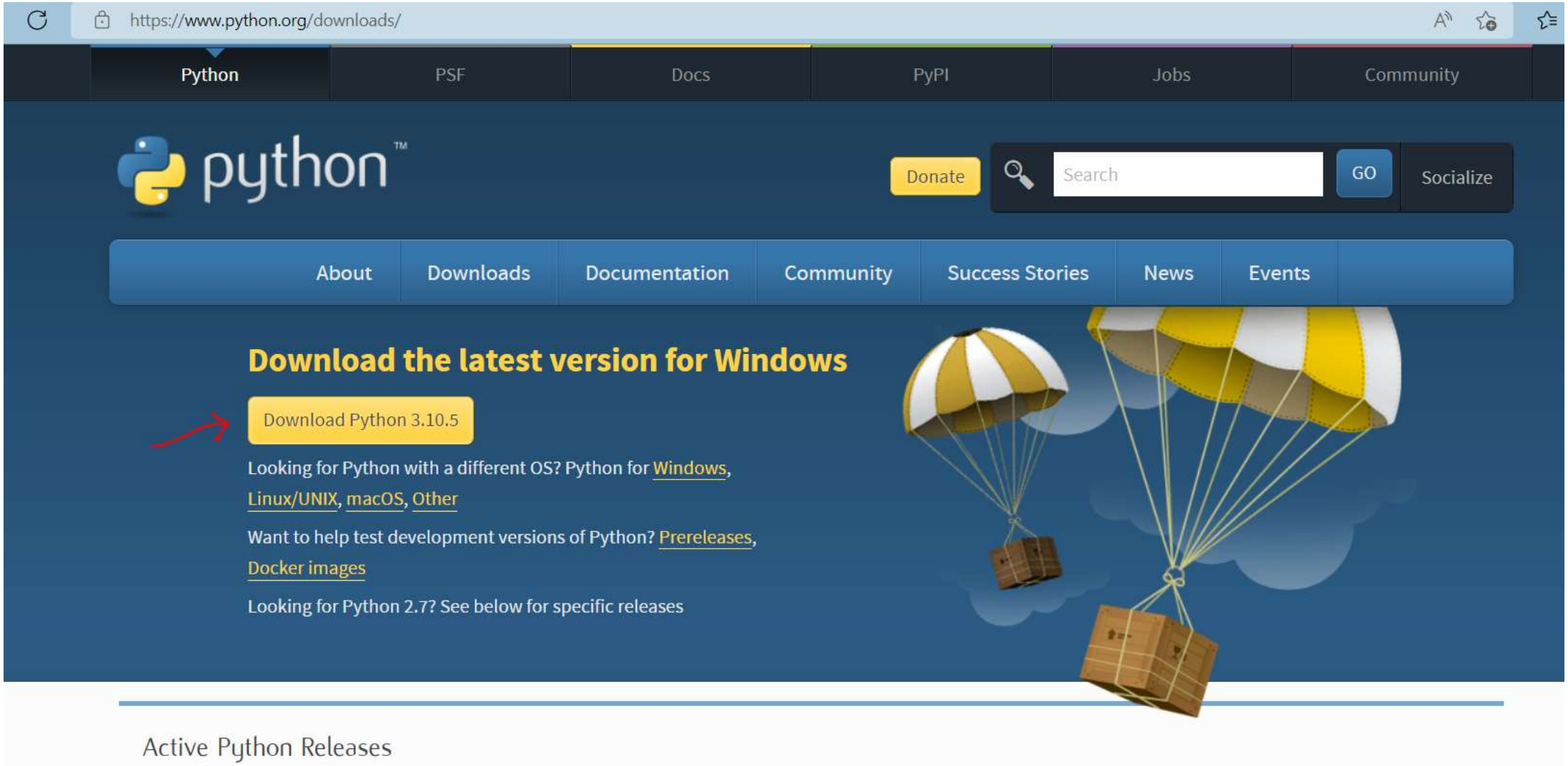
Python Installation

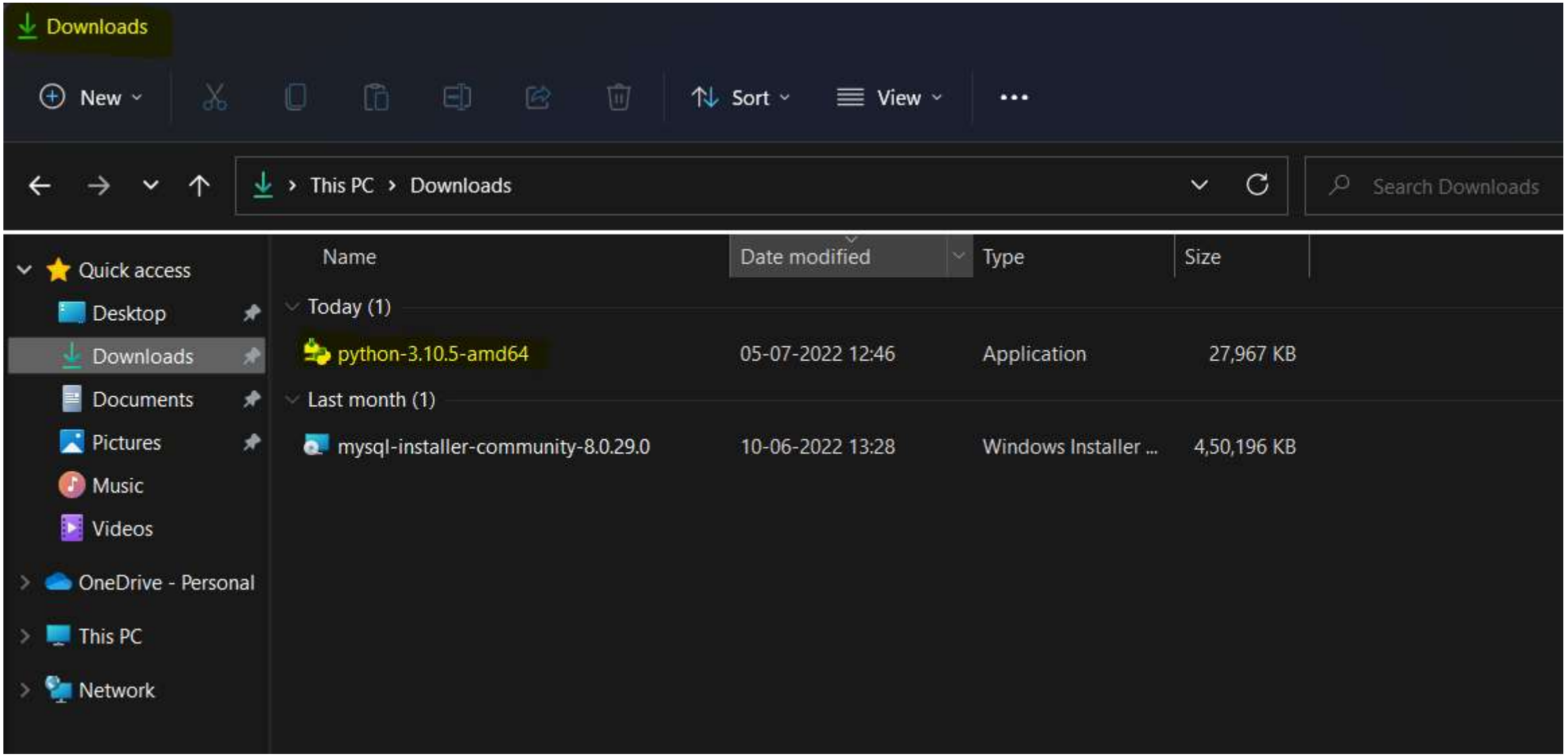
Python Installation

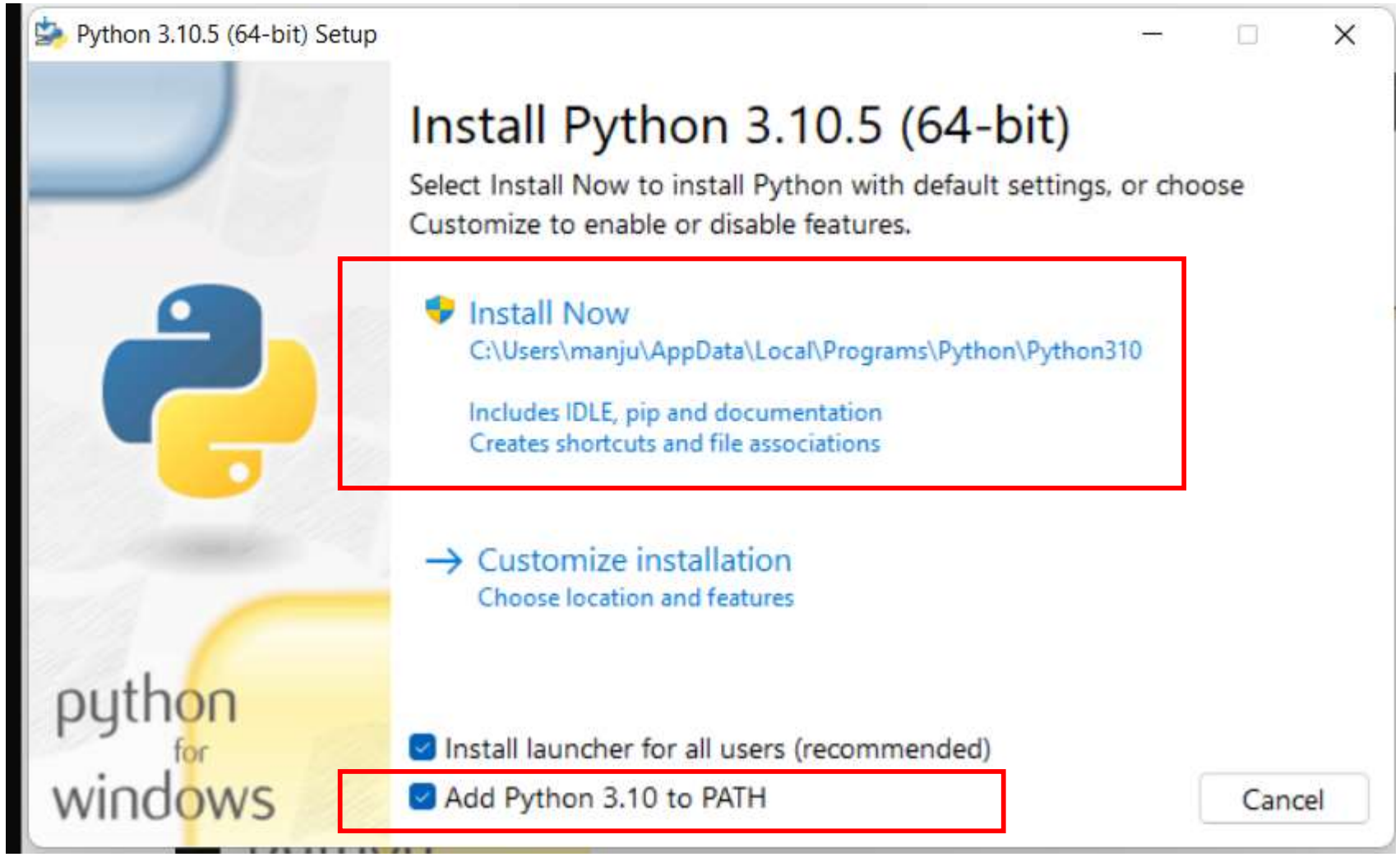
- Download the latest version of Python.
- Run the installer file and follow the steps to install Python
  During the install process, check **Add Python to environment variables**. This will add Python to environment variables, and you can run Python from any part of the computer.

Click on [Download Python | Python.org]
Download the “ Python 3.10.5” version as shown below.

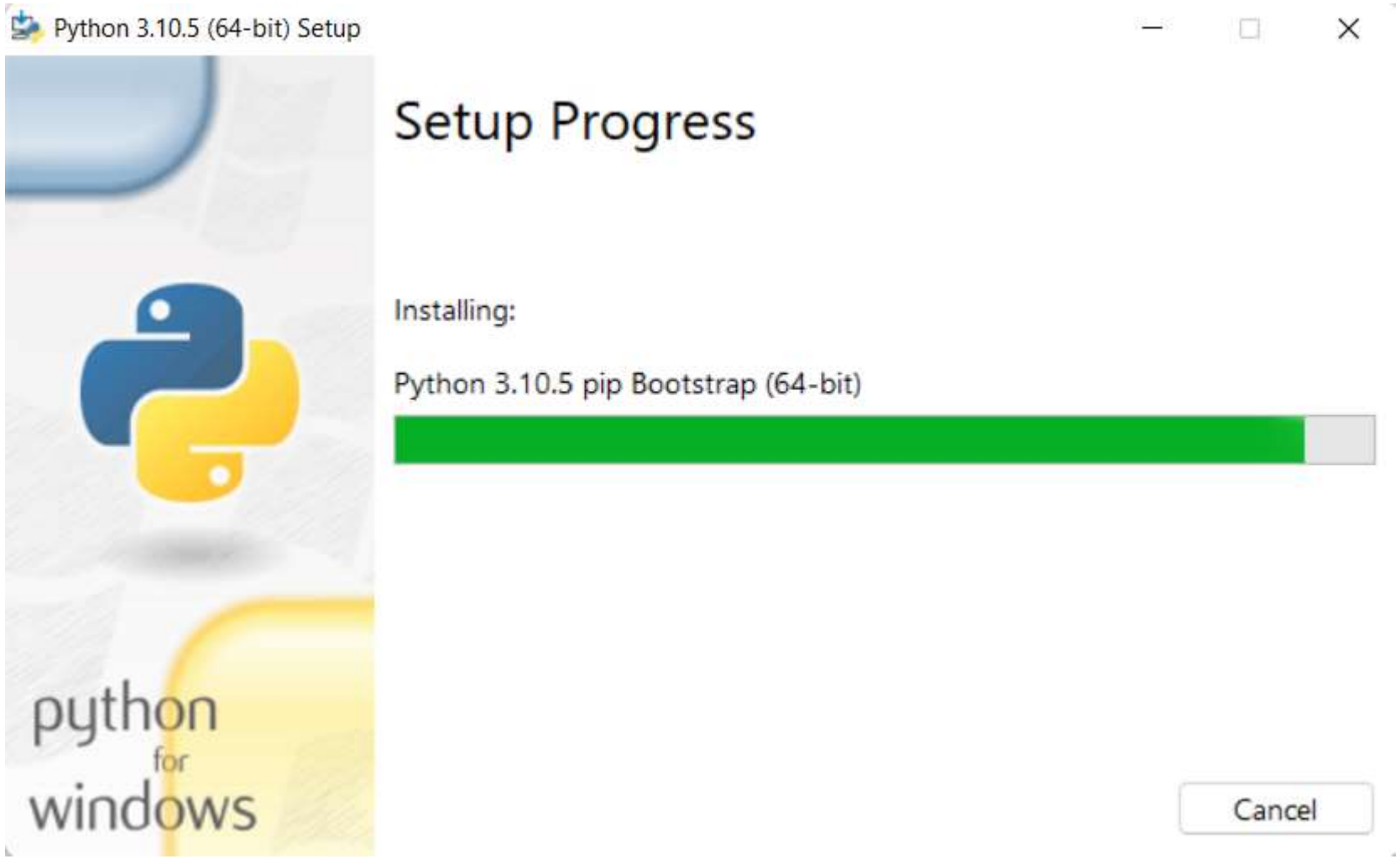


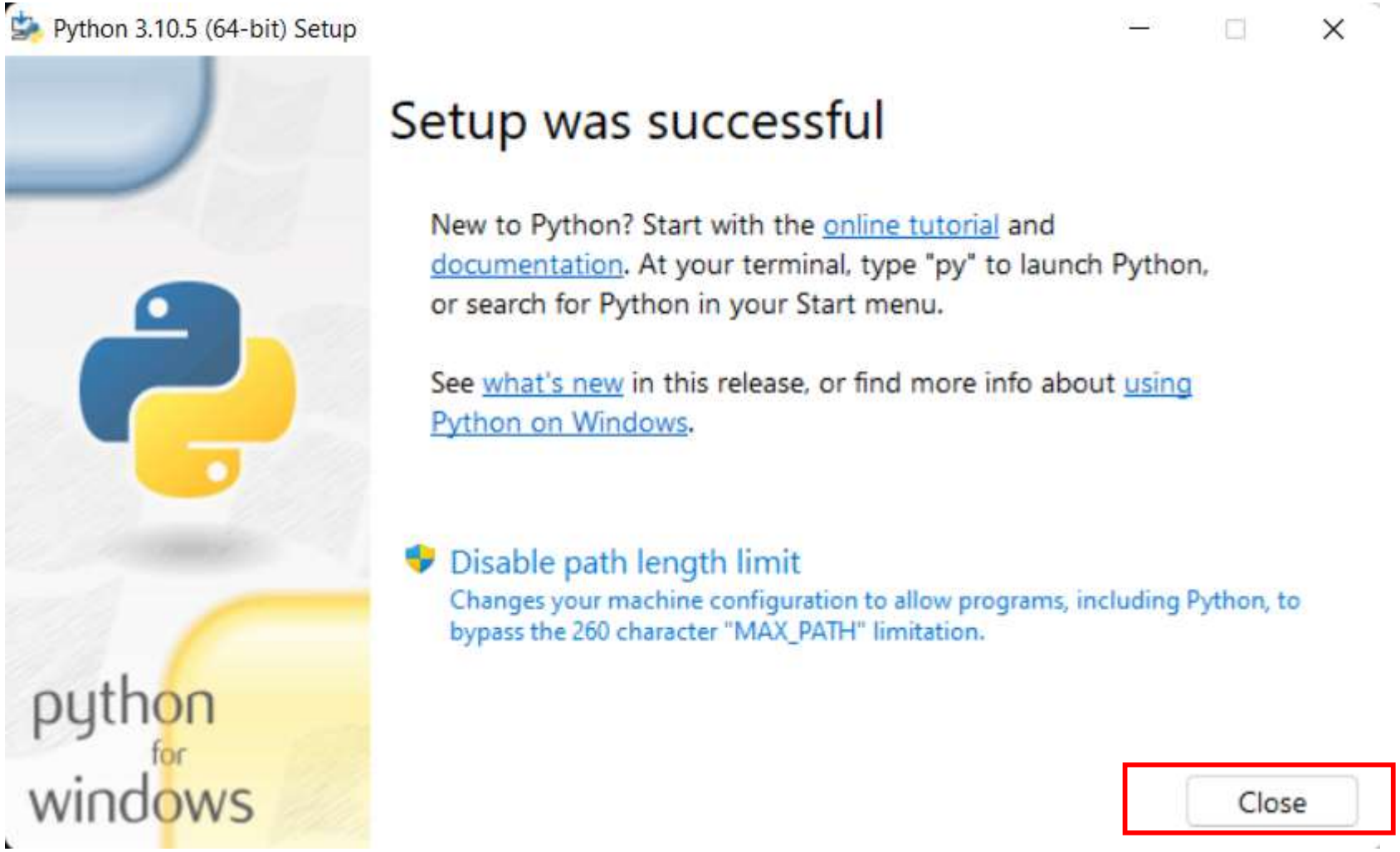
Go to Downloads and double click on **python-3.10.5-amd64**



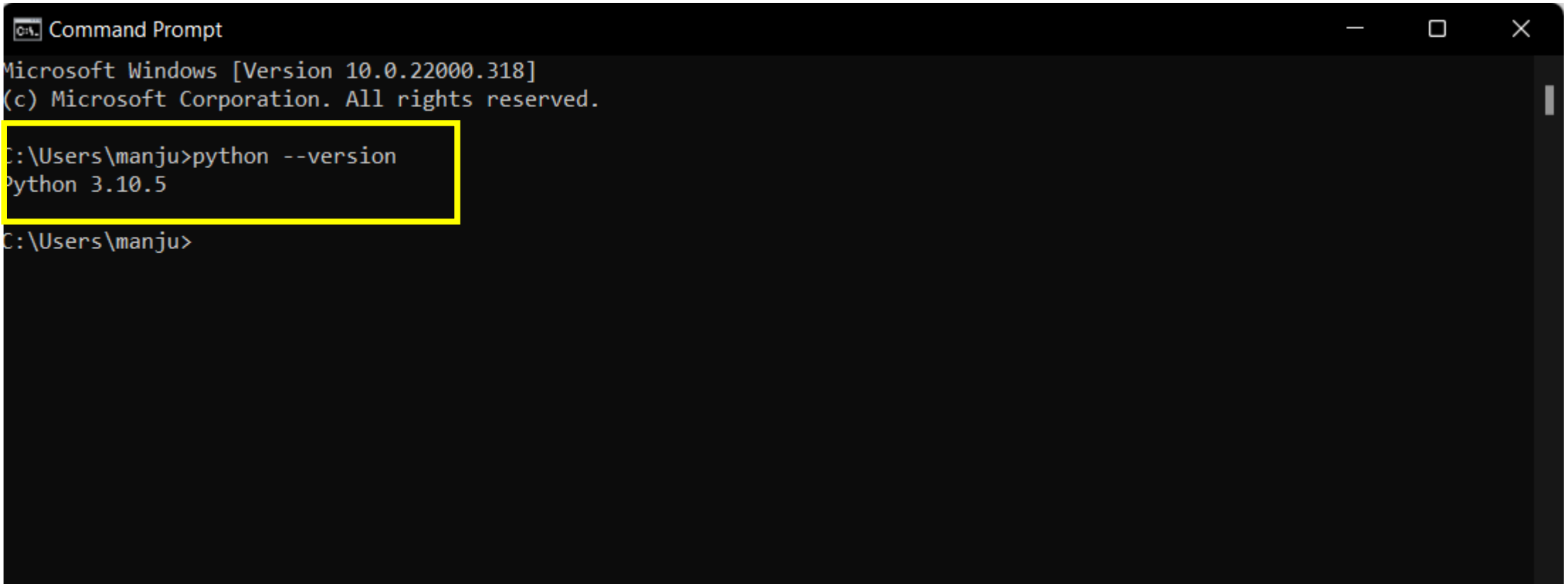

Python 3.10.5 (64-bit) Setup
Install Python 3.10.5 (64-bit)
Select Install Now to install Python with default settings, or choose
Customize to enable or disable features.
Install Now
C:\Users\manju\AppData\Local\Programs\Python\Python310
Includes IDLE, pip and documentation
Creates shortcuts and file associations
Customize installation
Choose location and features
python
for
windows
Install launcher for all users (recommended)
Add Python 3.10 to PATH
Cancel

It will take few mins to complete the installation set up.




Python 3.10.5 (64-bit) Setup
Setup was successful
New to Python? Start with the online tutorial and documentation. At your terminal, type "py" to launch Python, or search for Python in your Start menu.
See what's new in this release, or find more info about using Python on Windows.
Disable path length limit
Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX_PATH" limitation.
python
for
windows
Close

Go to Command Prompt and type → python --version

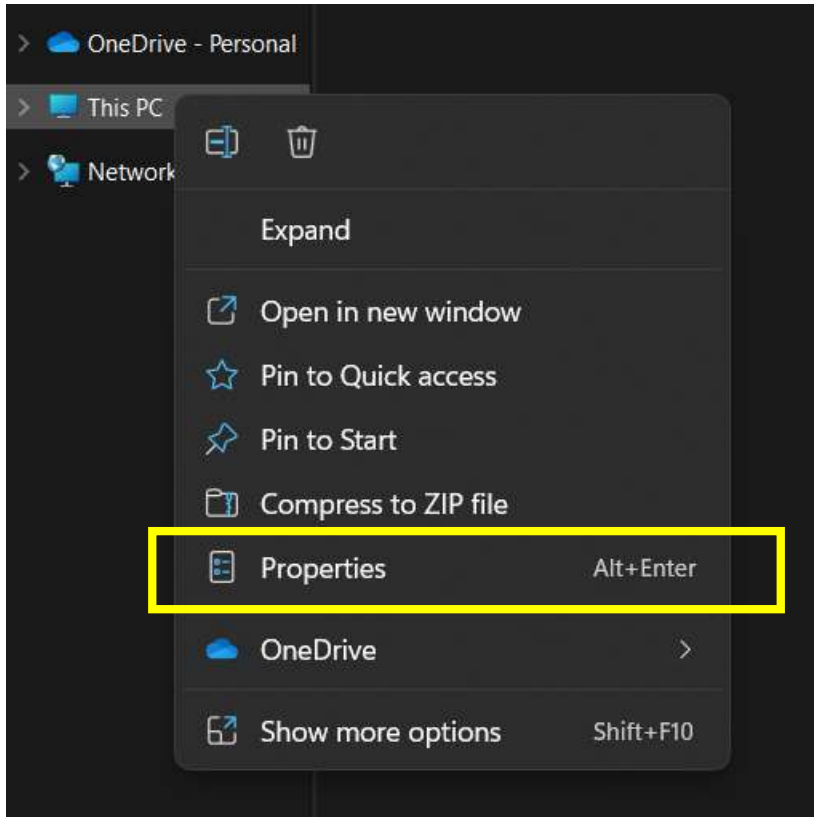


If python is not recognized as shown below, environment variables need to be set up.

```
C:\Users\user21>python
'python' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\user21>_
```

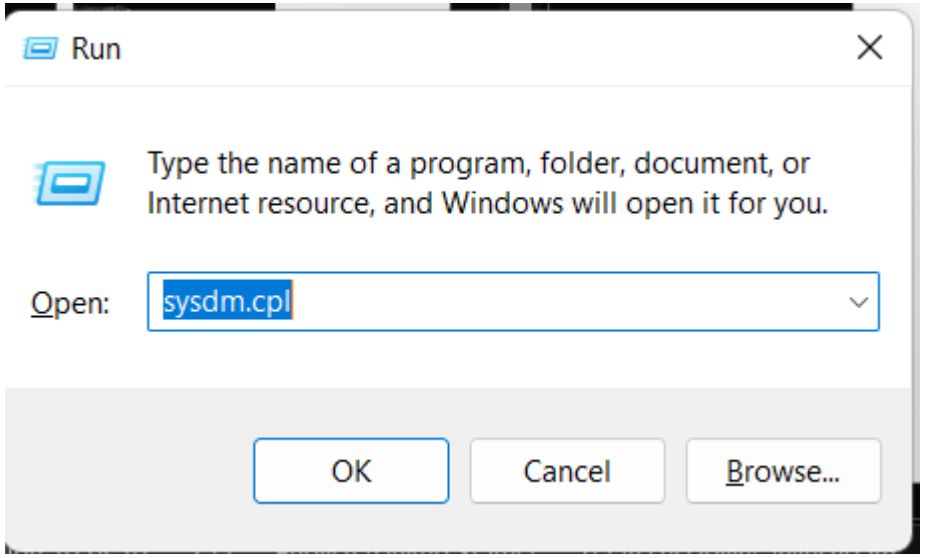
In your system go to “MyComputer” or “This PC”, right click on it and click on properties.

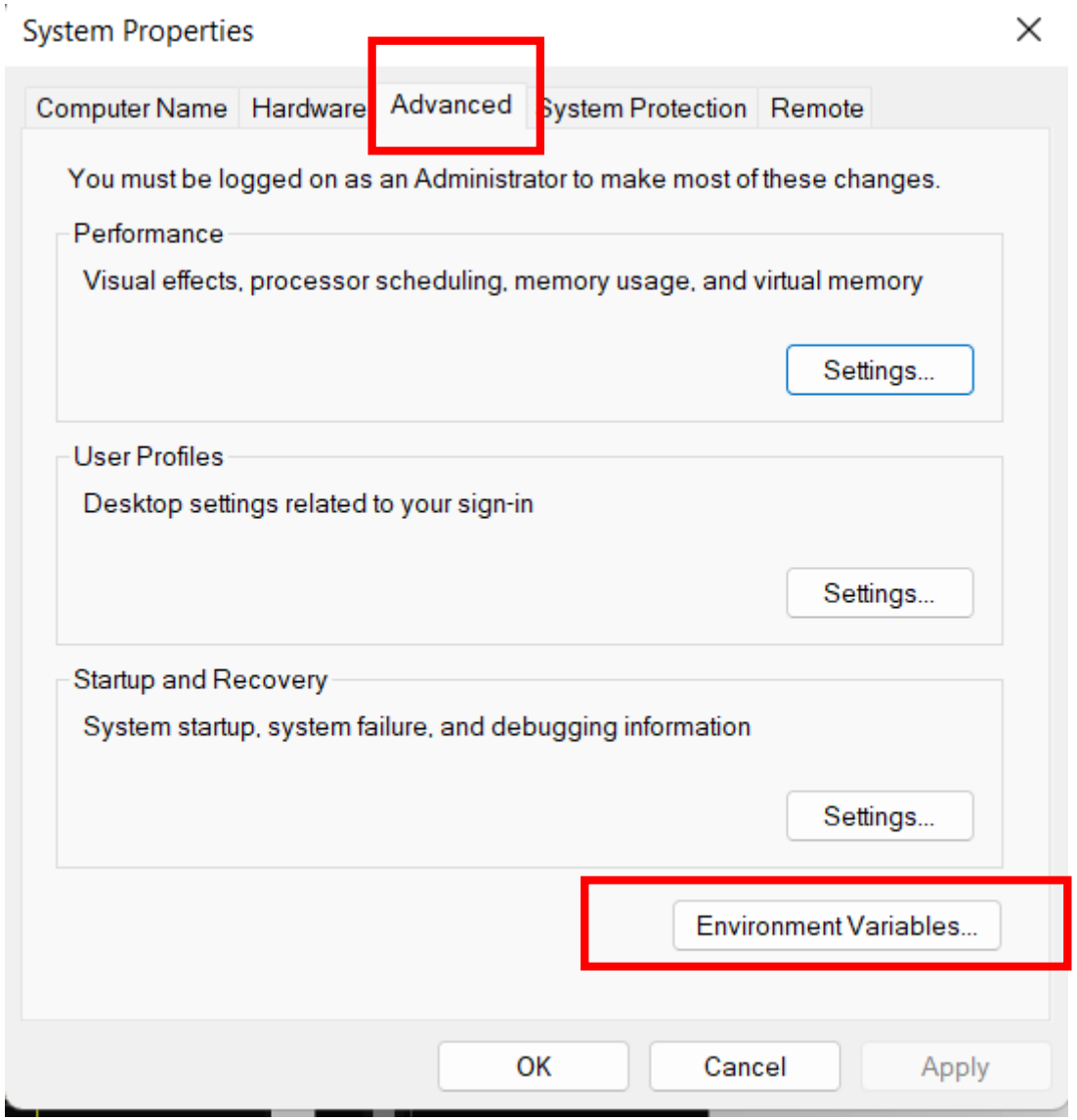


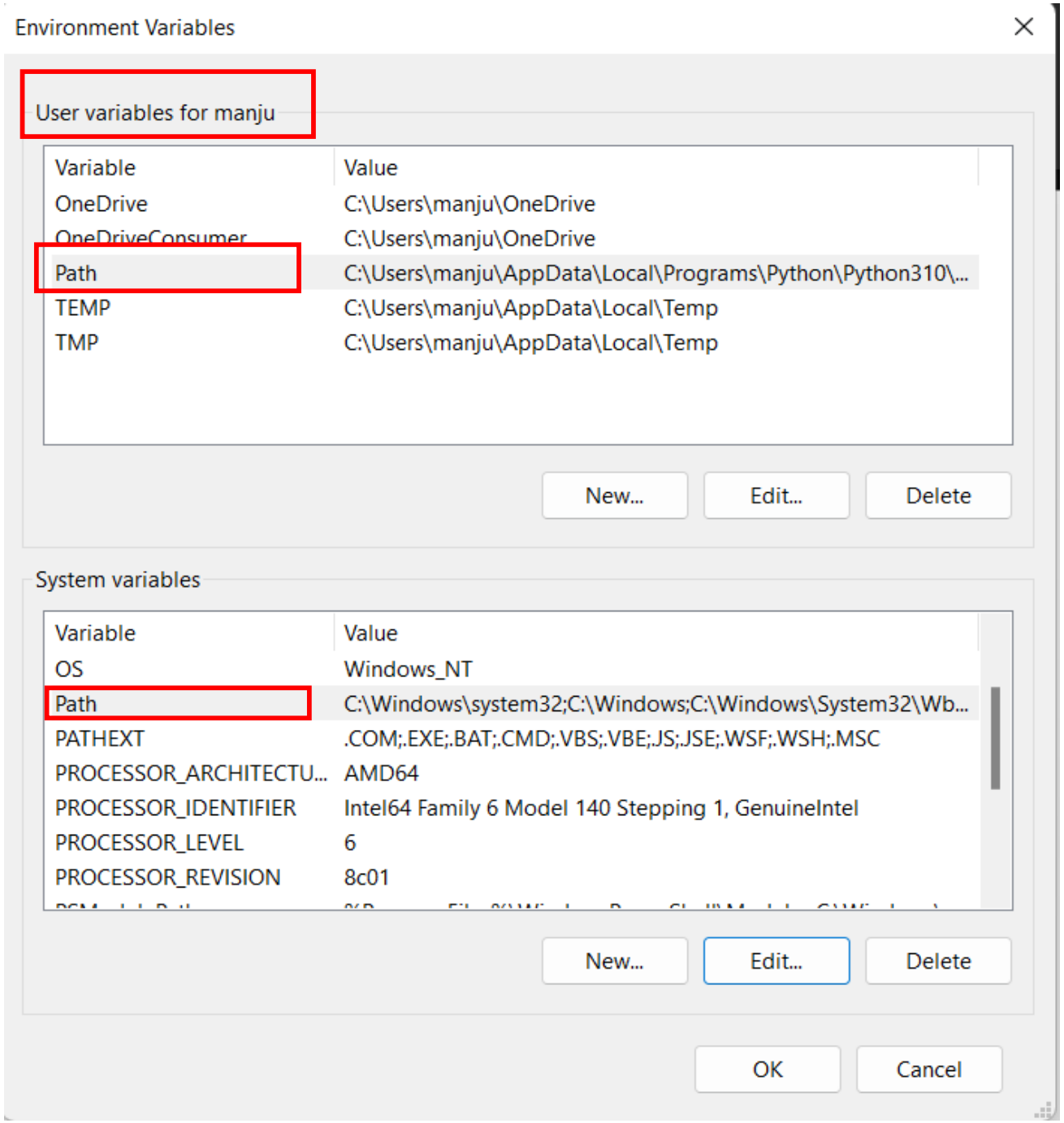
Click on ‘Advance System settings”

Or you can directly open “Advance system settings”

Press Windows + R keys together, type the command “sysdm. cpl” in the Run dialog box and press Enter.



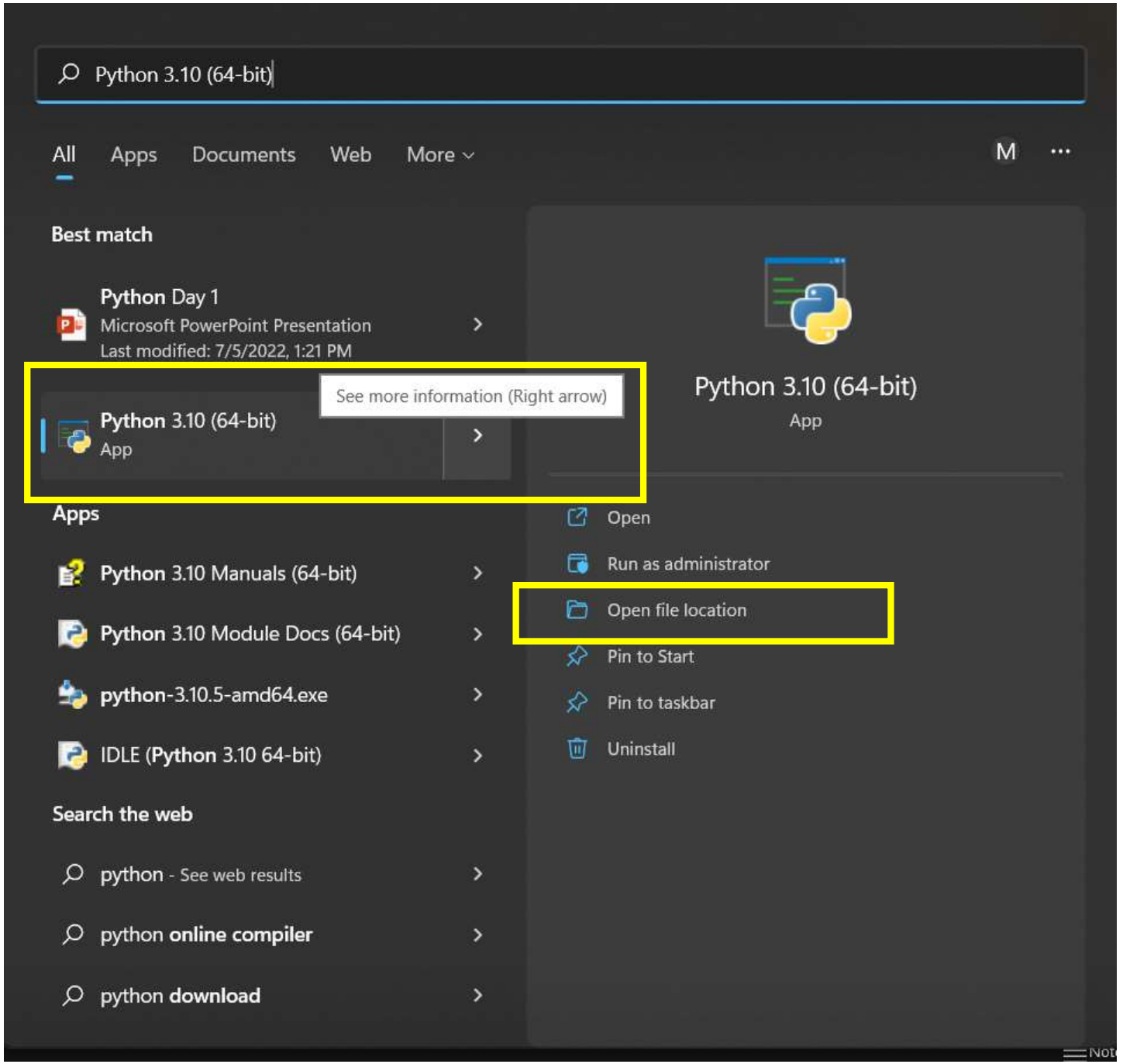

System Properties
Computer Name
Hardware
Advanced
System Protection
Remote
You must be logged on as an Administrator to make most of these changes.
Performance
Visual effects, processor scheduling, memory usage, and virtual memory
Settings...
User Profiles
Desktop settings related to your sign-in
Settings...
Startup and Recovery
System startup, system failure, and debugging information
Settings...
Environment Variables...
OK
Cancel
Apply



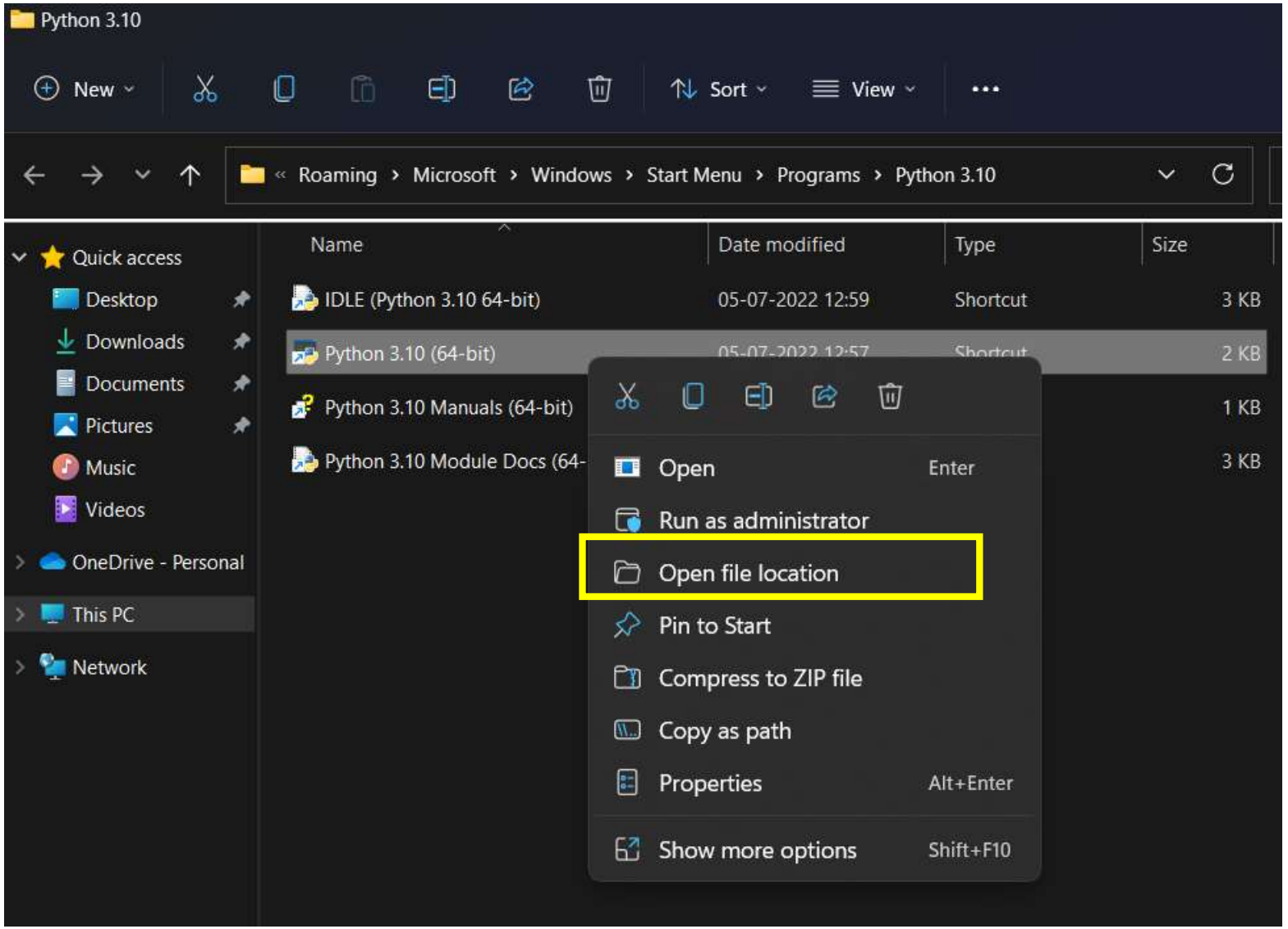
In User variables
Select path variable and add python path and also python scripts.

In System variables
Select path variable and add python path
.

How to select python path →
Go to Windows search and type python 3.10 click on right arrow and select open file location

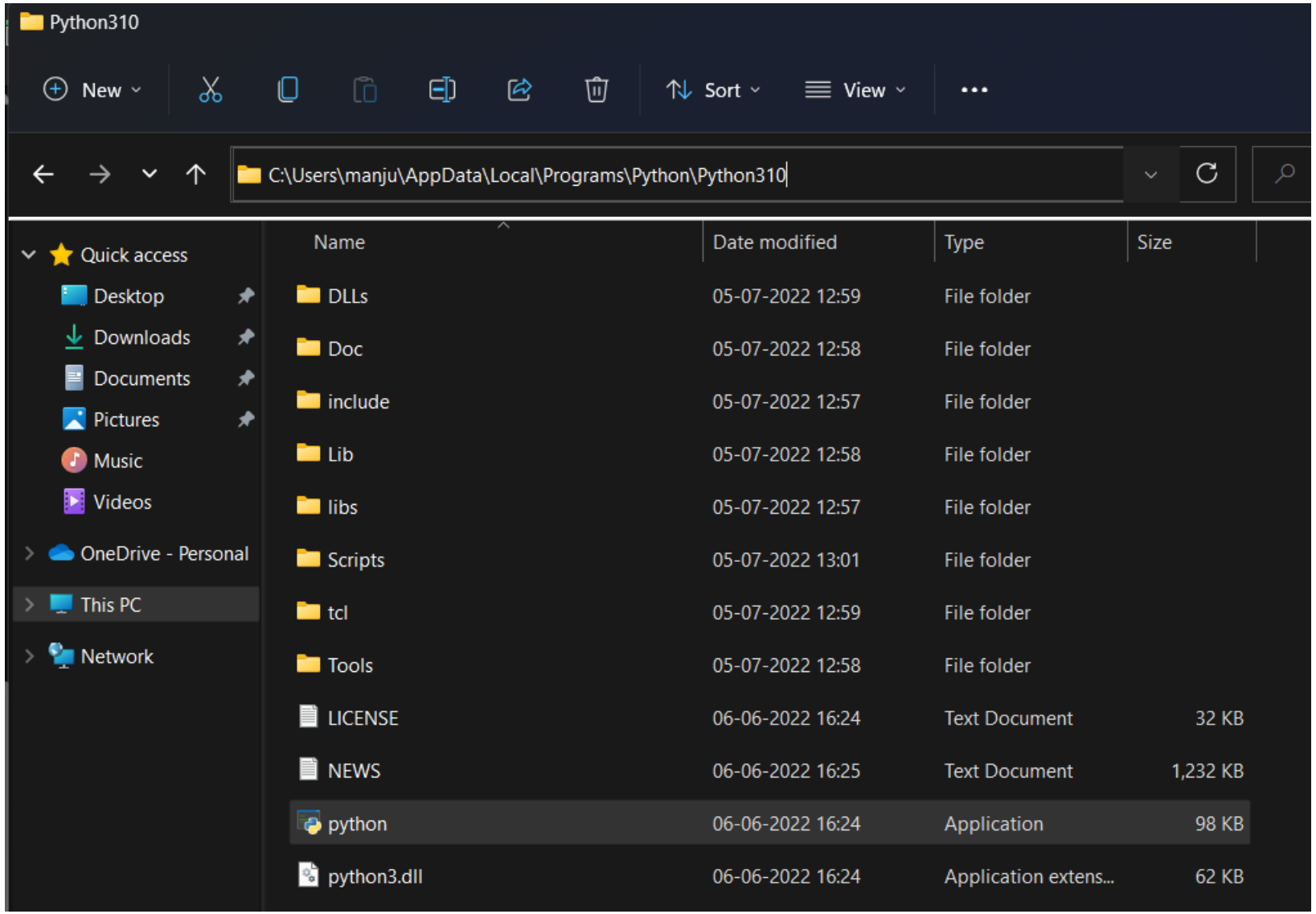


It will open file location of short cut file and select “Python 3.10(64 bit)” right click on it , click on “open file location”.

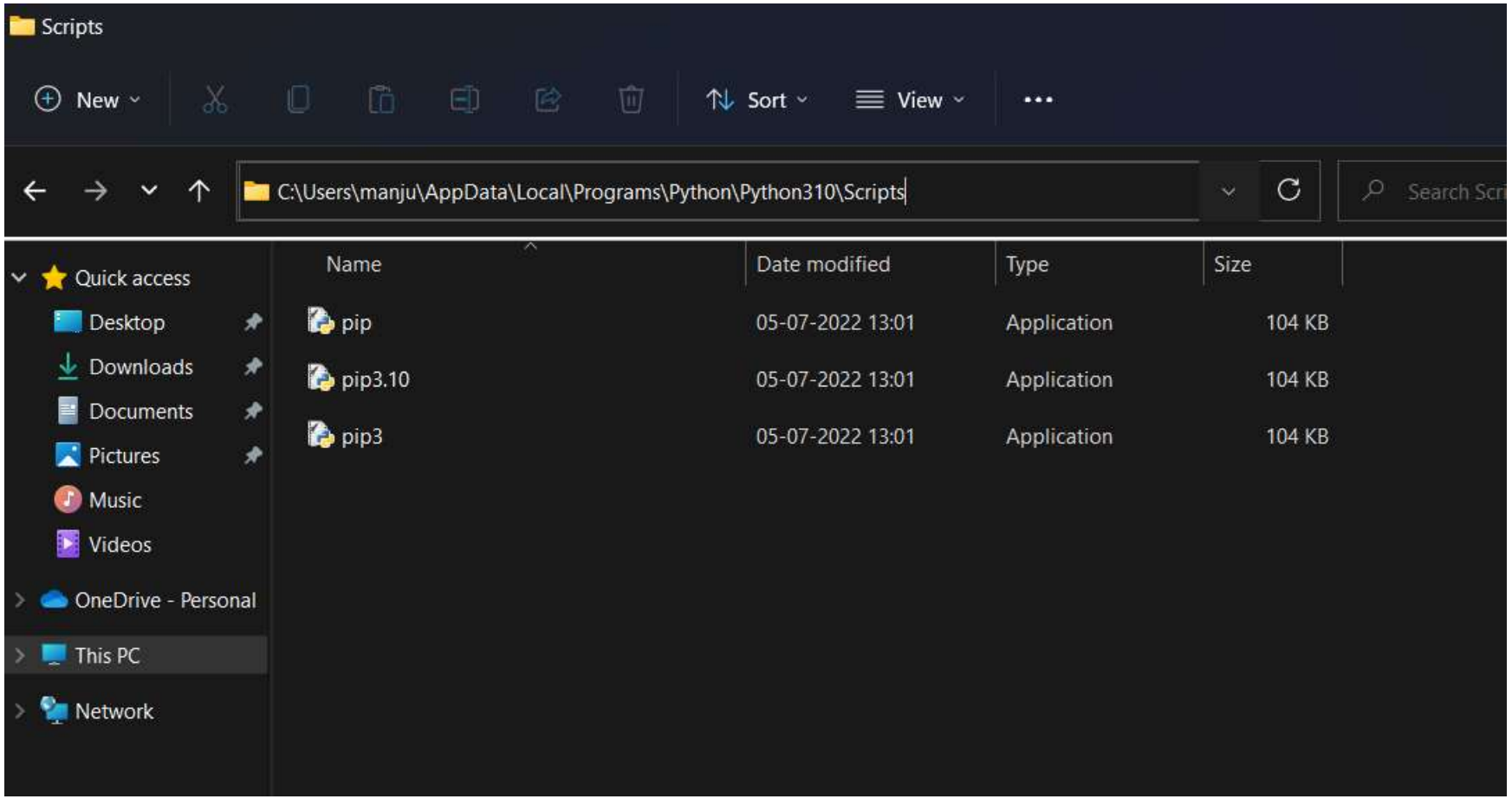


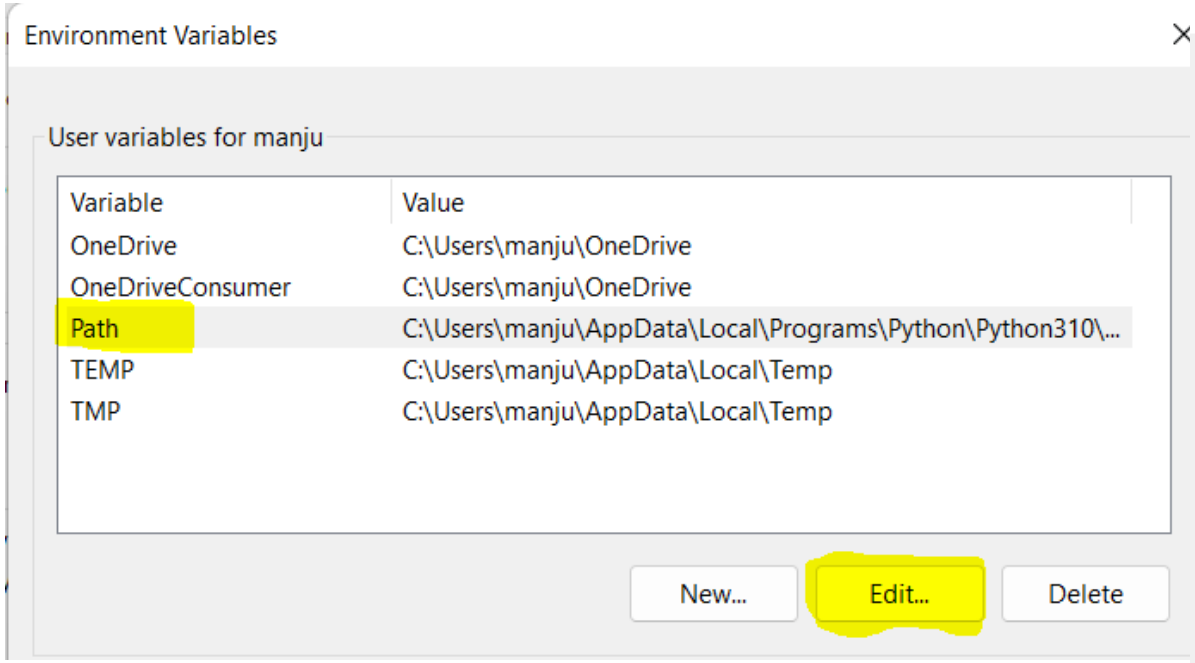
It will open a python location path, select or copy this path.

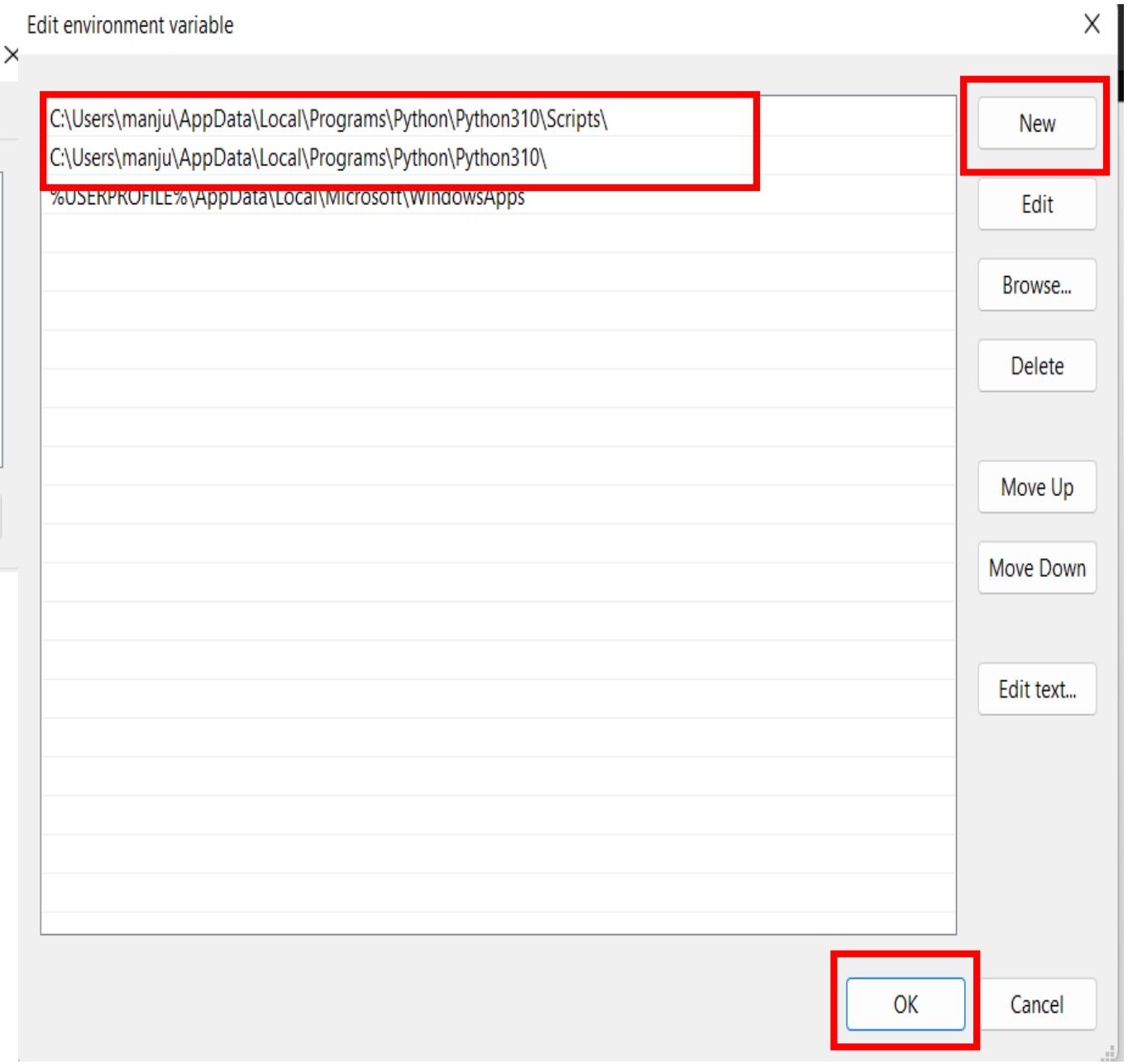
Python path → C:\Users\manju\AppData\Local\Programs\Python\Python310



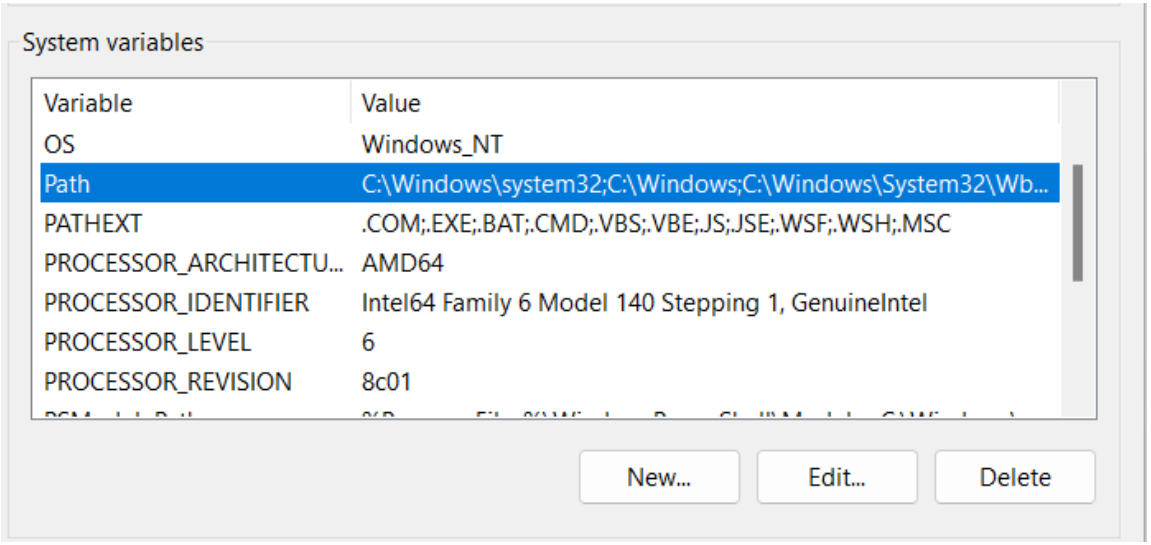
Python Scripts path → C:\Users\manju\AppData\Local\Programs\Python\Python310\Scripts



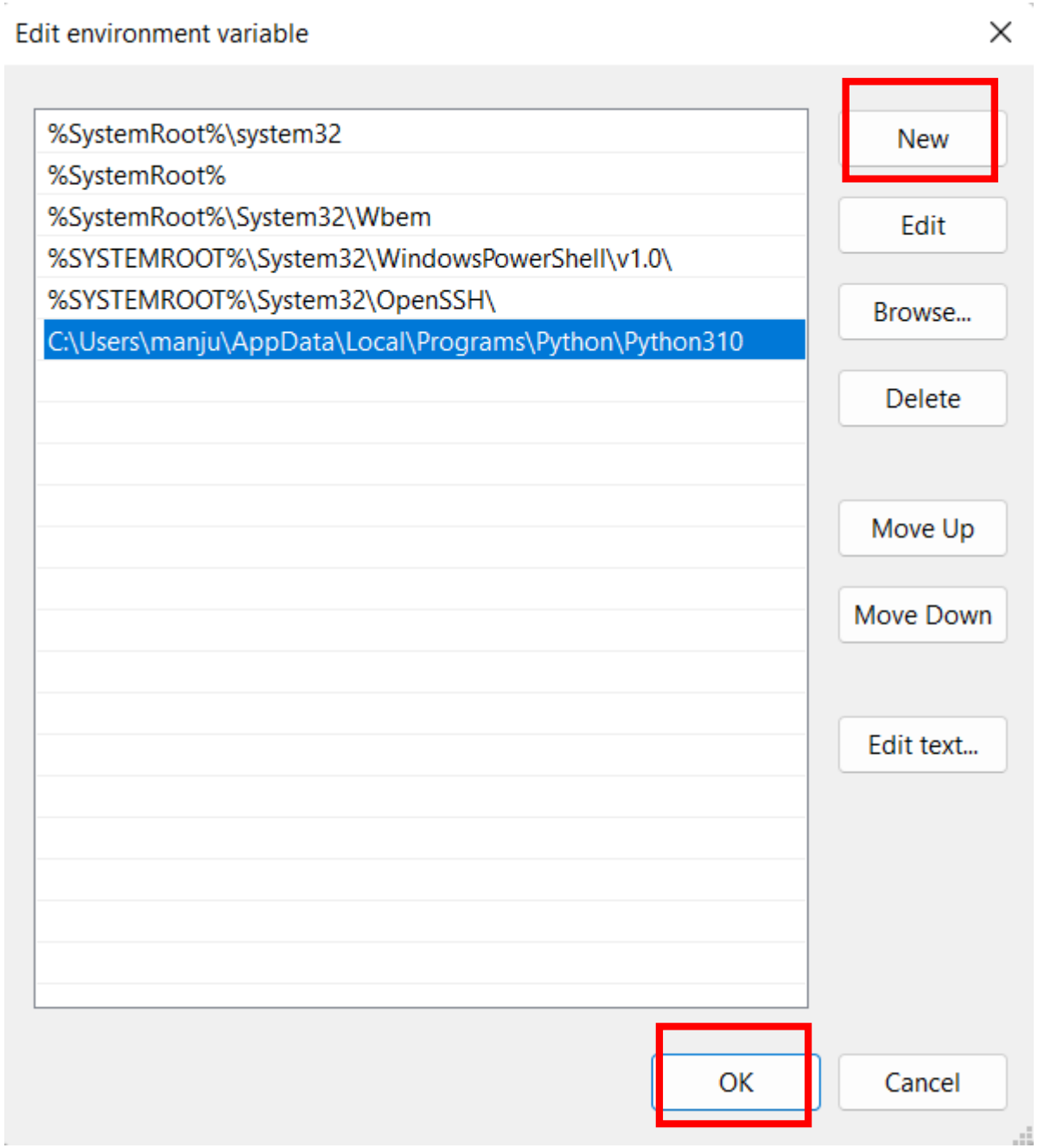


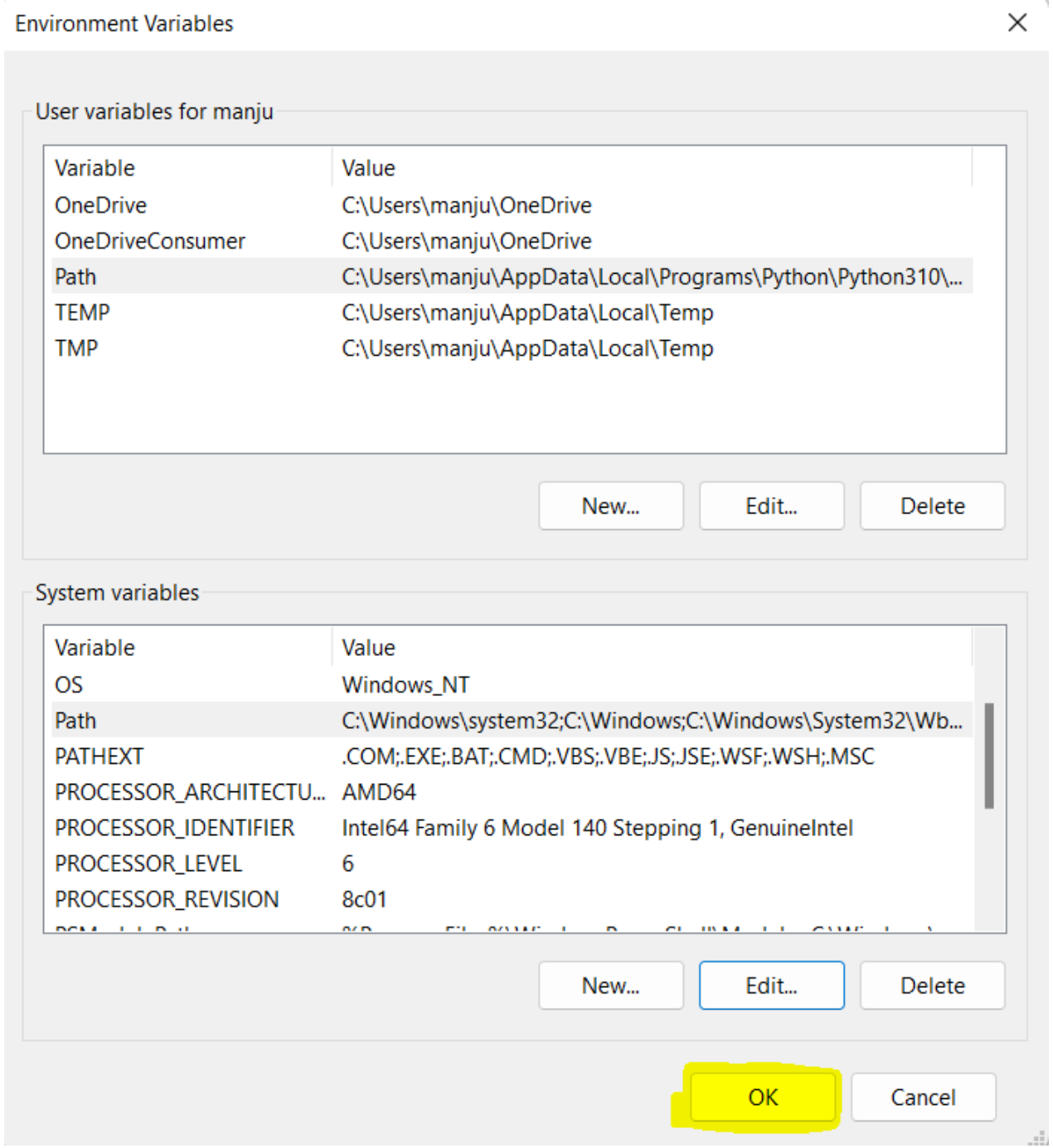
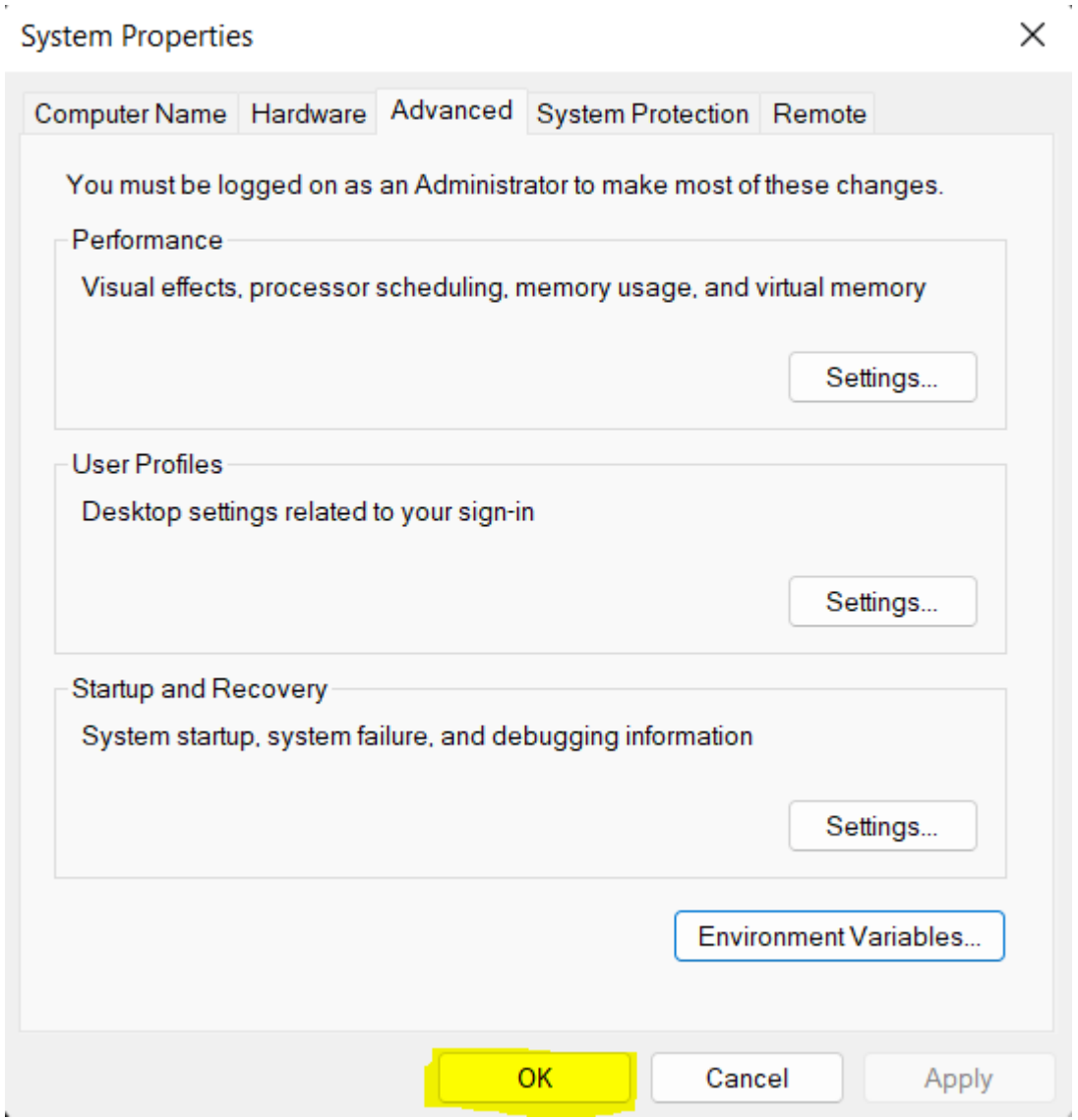


Add python and python scripts path and click ok



Select “Path” and click on Edit then add python path click ok





After adding path in User variable and system variable click on OK