

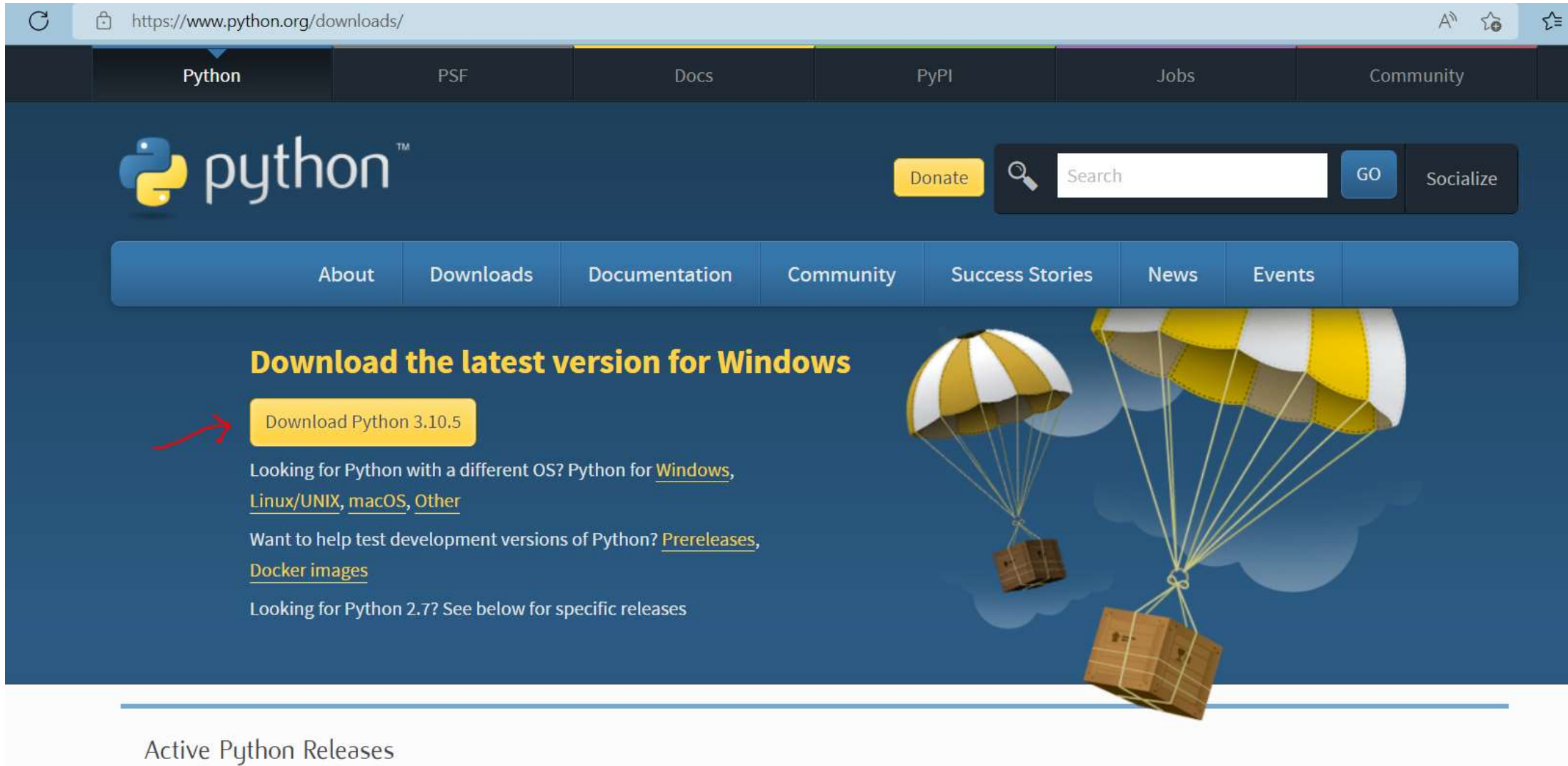
Python Installation

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](https://www.python.org/downloads/)

Download the “Python 3.10.5” version as shown below.



The screenshot shows the Python.org website's download page. The browser's address bar displays <https://www.python.org/downloads/>. The navigation bar includes links for Python, PSF, Docs, PyPI, Jobs, and Community. Below this, the Python logo is on the left, and a search bar with a 'GO' button and a 'Socialize' link are on the right. A secondary navigation bar contains links for About, Downloads, Documentation, Community, Success Stories, News, and Events. The main content area features a large heading 'Download the latest version for Windows' in yellow. A red arrow points to a yellow button labeled 'Download Python 3.10.5'. Below this button, there are links for 'Python for Windows, Linux/UNIX, macOS, Other', 'Prereleases', and 'Docker images'. A note at the bottom left says 'Looking for Python 2.7? See below for specific releases'. On the right side of the main content area, there is an illustration of two parachutes with yellow and white stripes, each carrying a brown cardboard box. The background is a dark blue gradient with white clouds. At the bottom of the page, the text 'Active Python Releases' is visible.

[Download Python 3.10.5](#)

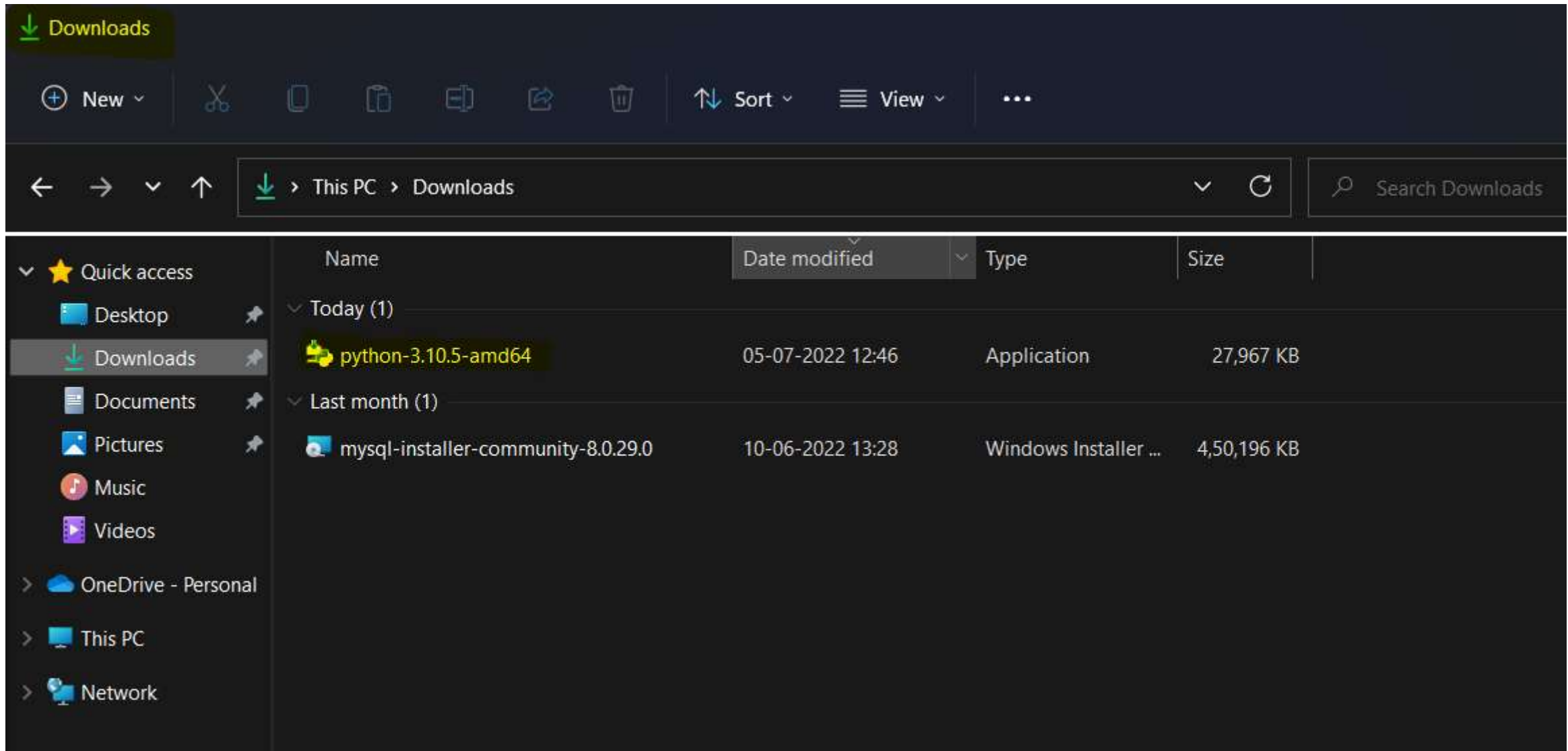
Looking for Python with a different OS? Python for [Windows](#), [Linux/UNIX](#), [macOS](#), [Other](#)

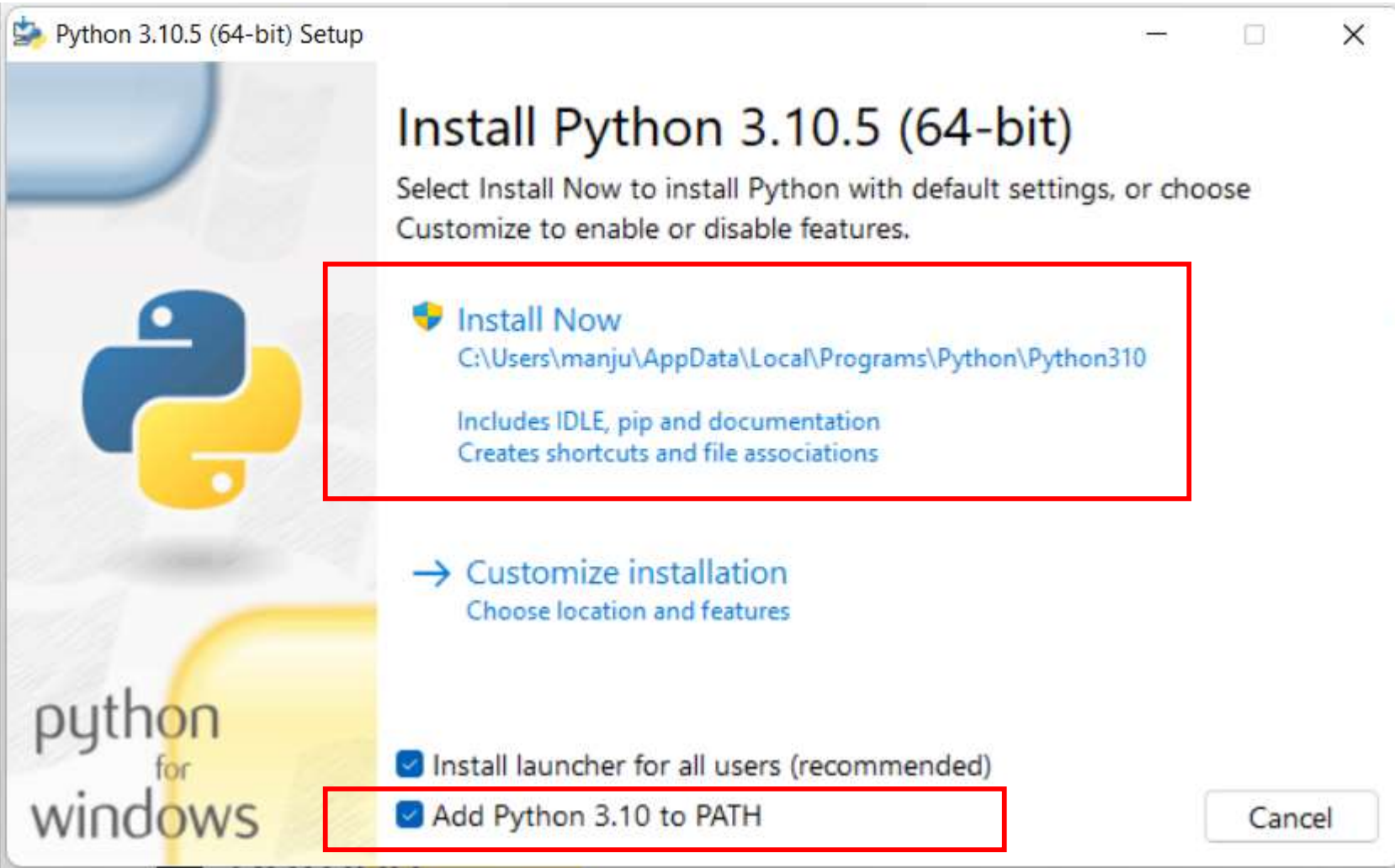
Want to help test development versions of Python? [Prereleases](#), [Docker images](#)

Looking for Python 2.7? See below for specific releases

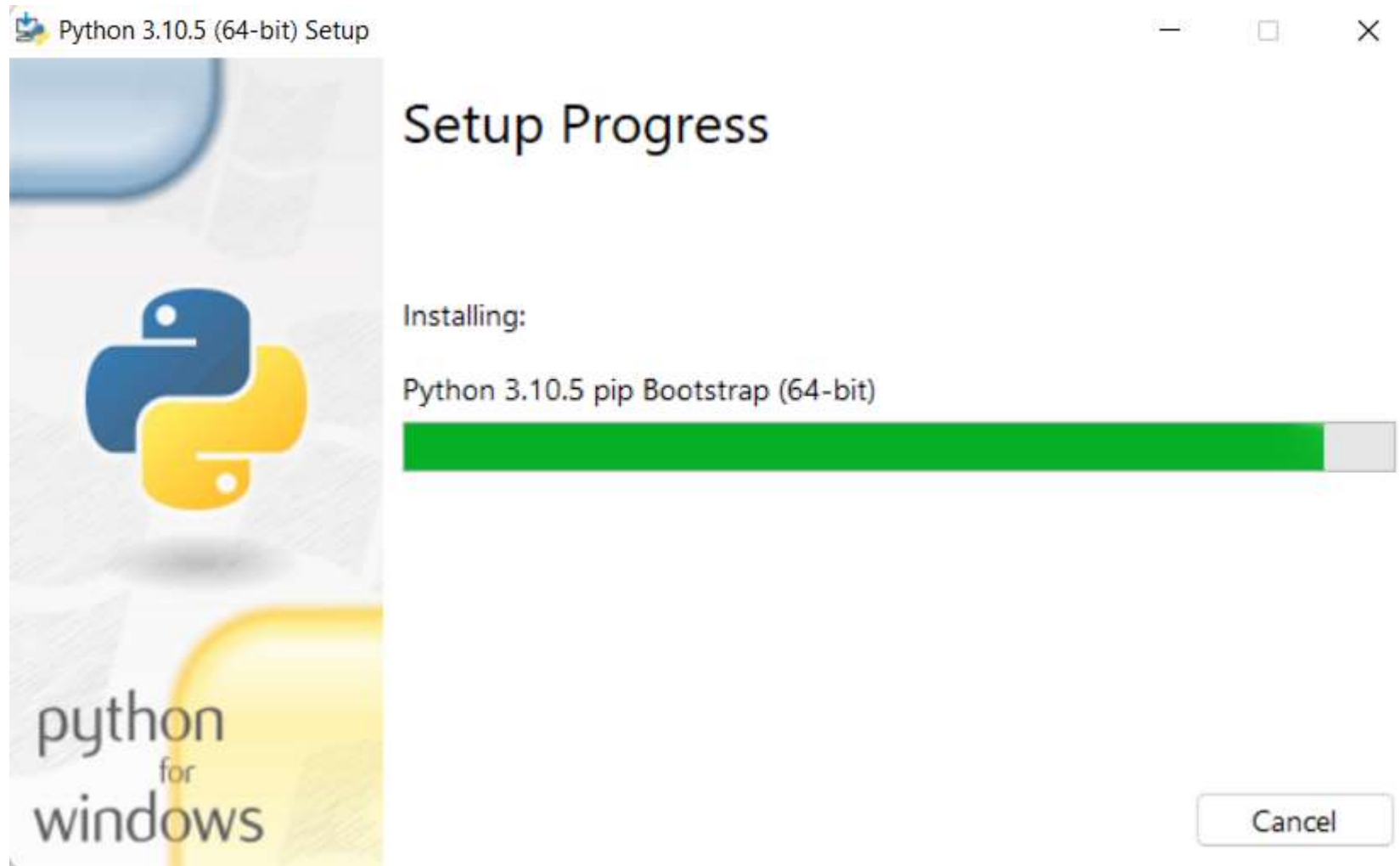
Active Python Releases

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





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



Setup was successful

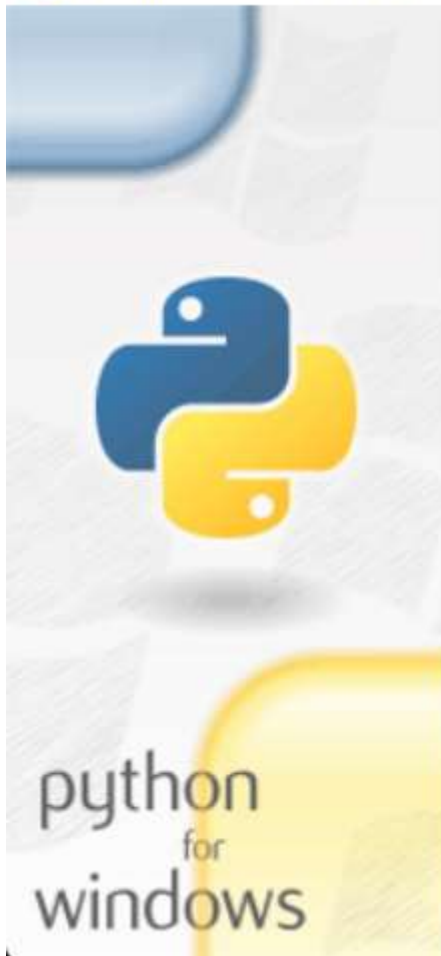
New to Python? Start with the [online tutorial](#) and [documentation](#). At your terminal, type "py" to launch Python, or search for Python in your Start menu.

See [what's new](#) in this release, or find more info about [using Python on Windows](#).



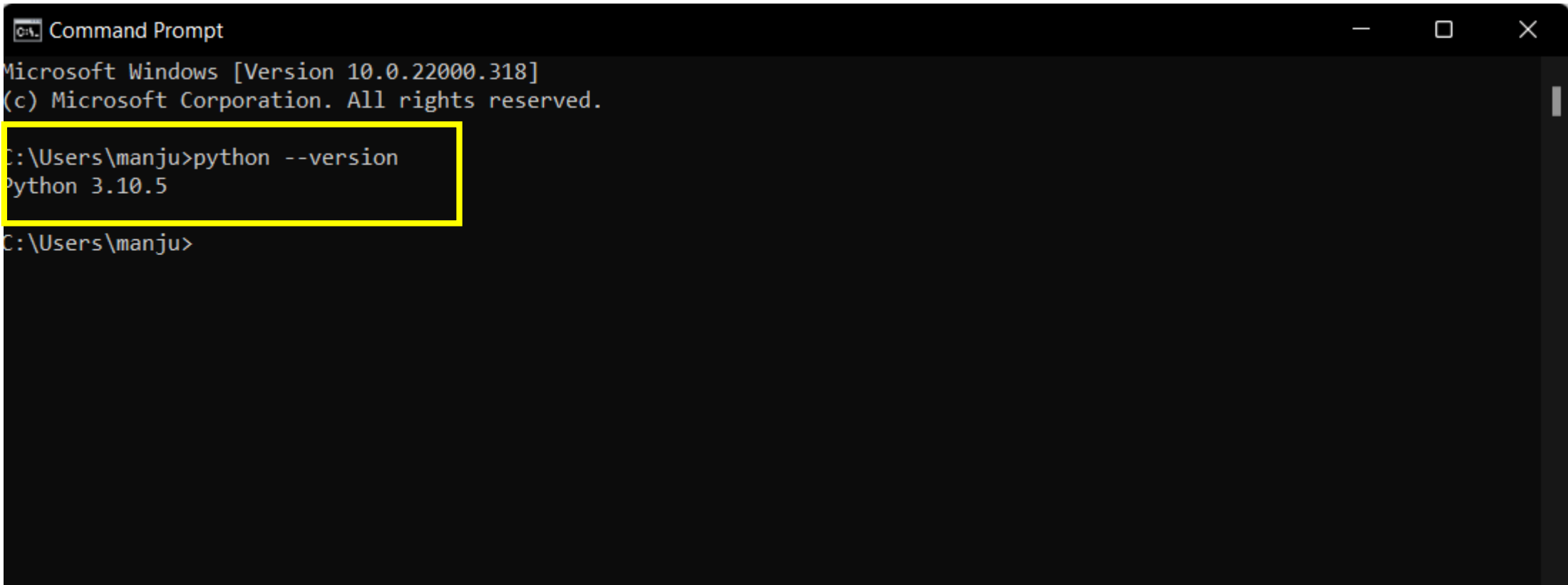
Disable path length limit

Changes your machine configuration to allow programs, including Python, to bypass the 260 character "MAX_PATH" limitation.



Close

Go to Command Prompt and type → `python --version`



```
Command Prompt
Microsoft Windows [Version 10.0.22000.318]
(c) Microsoft Corporation. All rights reserved.

C:\Users\manju>python --version
Python 3.10.5

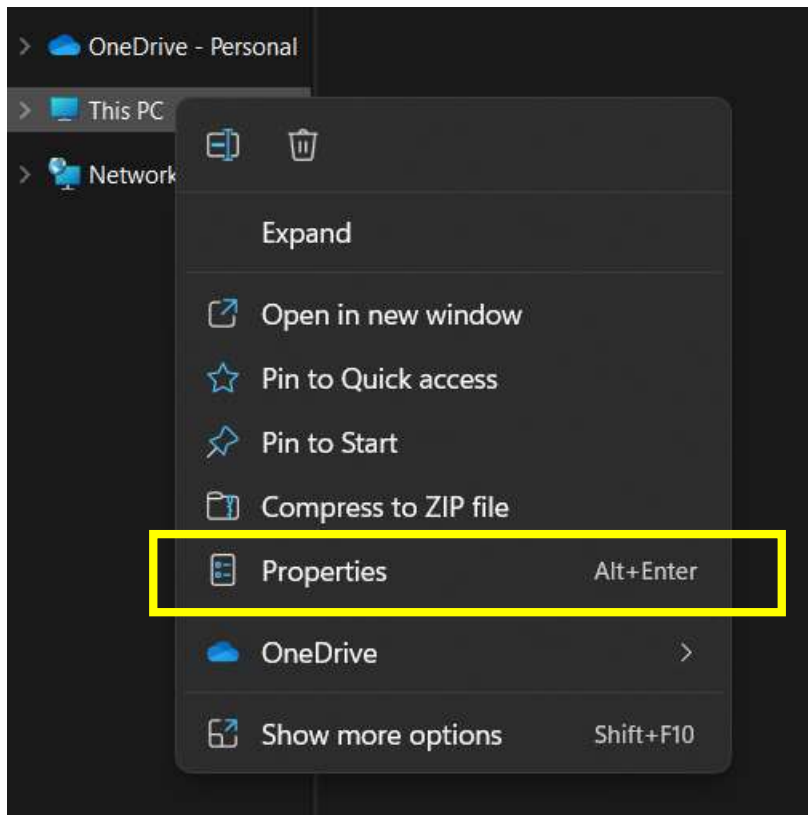
C:\Users\manju>
```


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.

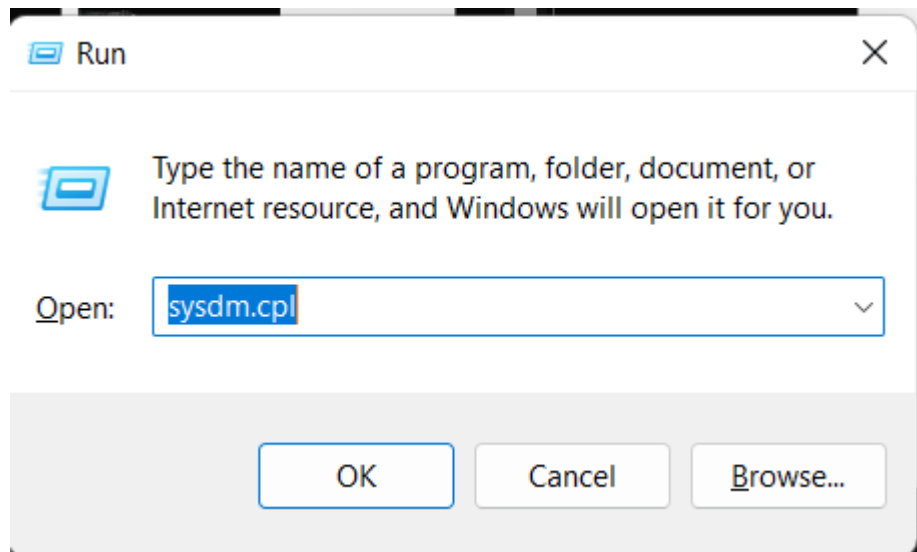


Click on 'Advance System settings'



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

Environment Variables

User variables for manju

Variable	Value
OneDrive	C:\Users\manju\OneDrive
OneDriveConsumer	C:\Users\manju\OneDrive
Path	C:\Users\manju\AppData\Local\Programs\Python\Python310\...
TEMP	C:\Users\manju\AppData\Local\Temp
TMP	C:\Users\manju\AppData\Local\Temp

New...

Edit...

Delete

System variables

Variable	Value
OS	Windows_NT
Path	C:\Windows\system32;C:\Windows;C:\Windows\System32\Wb...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTU...	AMD64
PROCESSOR_IDENTIFIER	Intel64 Family 6 Model 140 Stepping 1, GenuineIntel
PROCESSOR_LEVEL	6
PROCESSOR_REVISION	8c01

New...

Edit...

Delete

OK

Cancel

In User variables

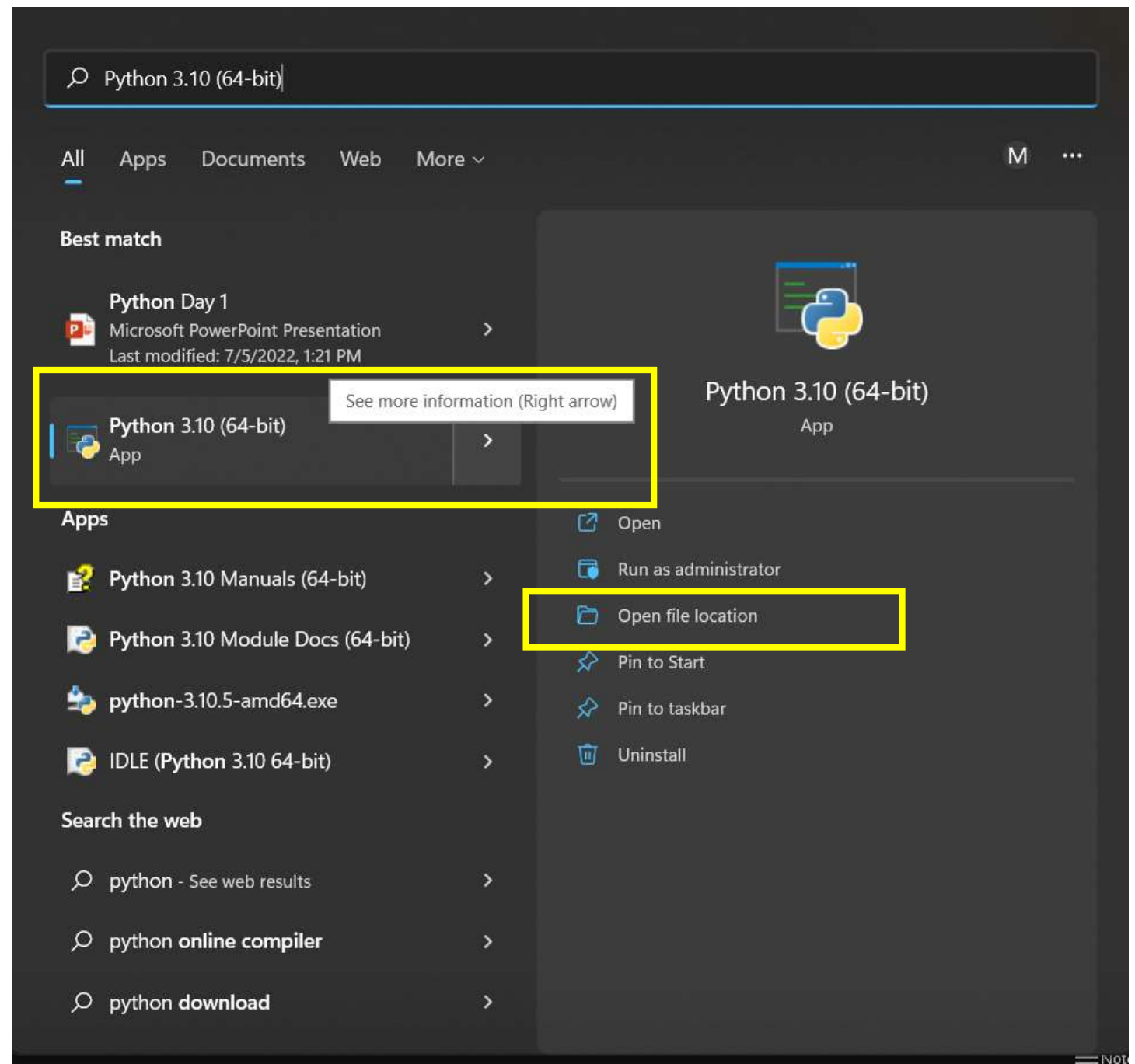
Select path variable and add python path
and also python scripts.

In System variables

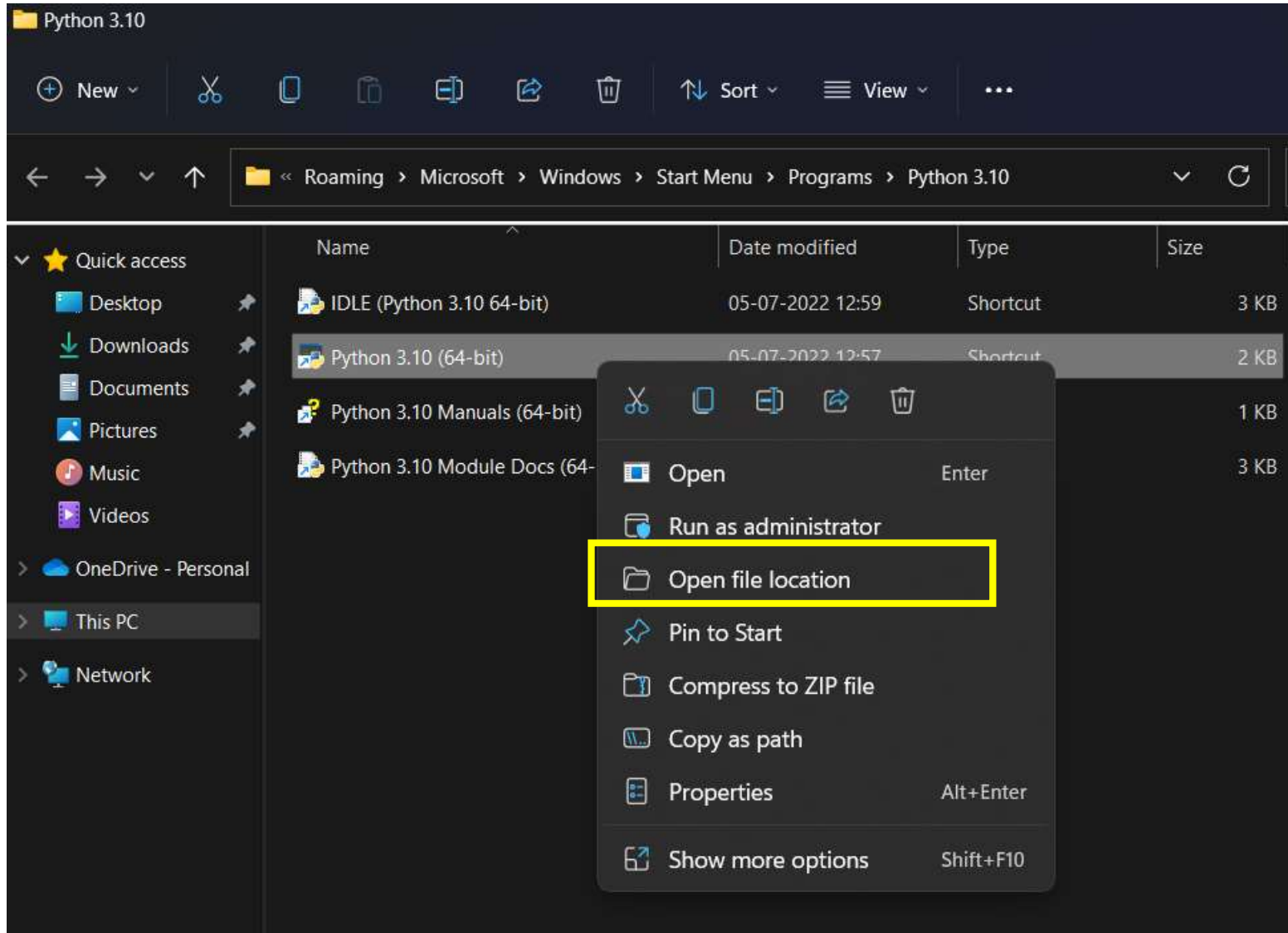
Select path variable and add python path

.

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

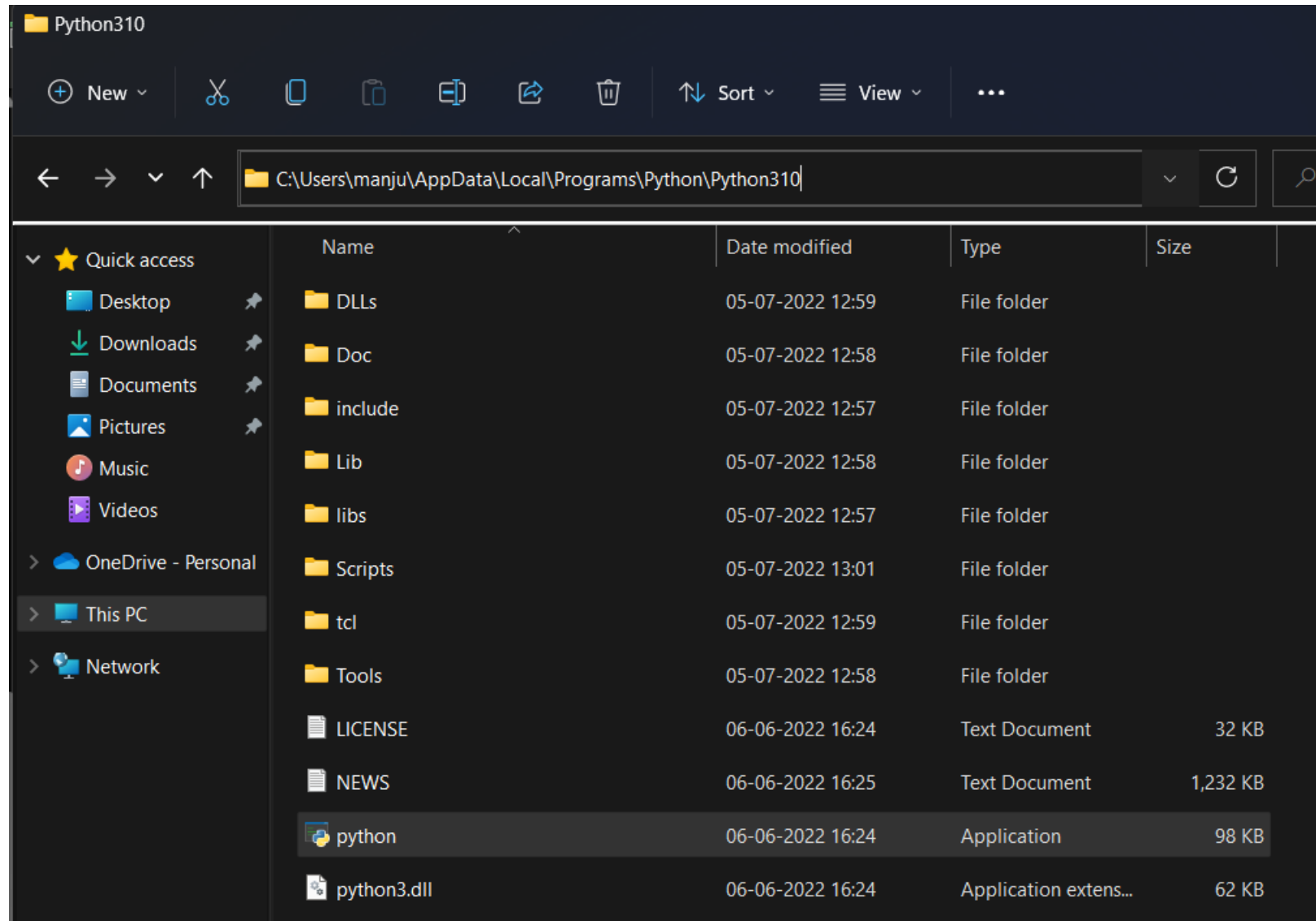


It will open file location of short cut file and select “Python 3.10(64 bit)” right click on it , click on “open file location”.

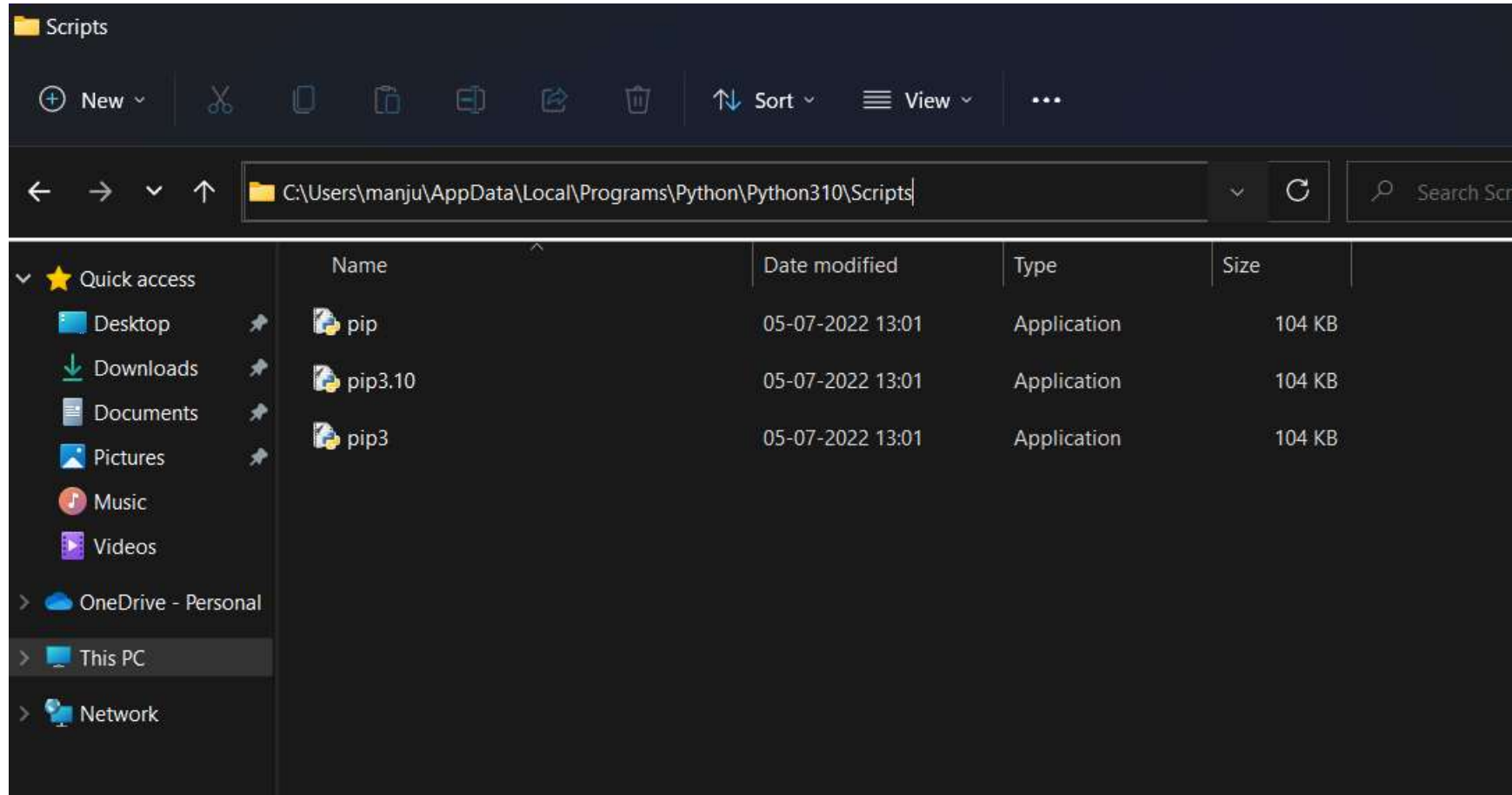


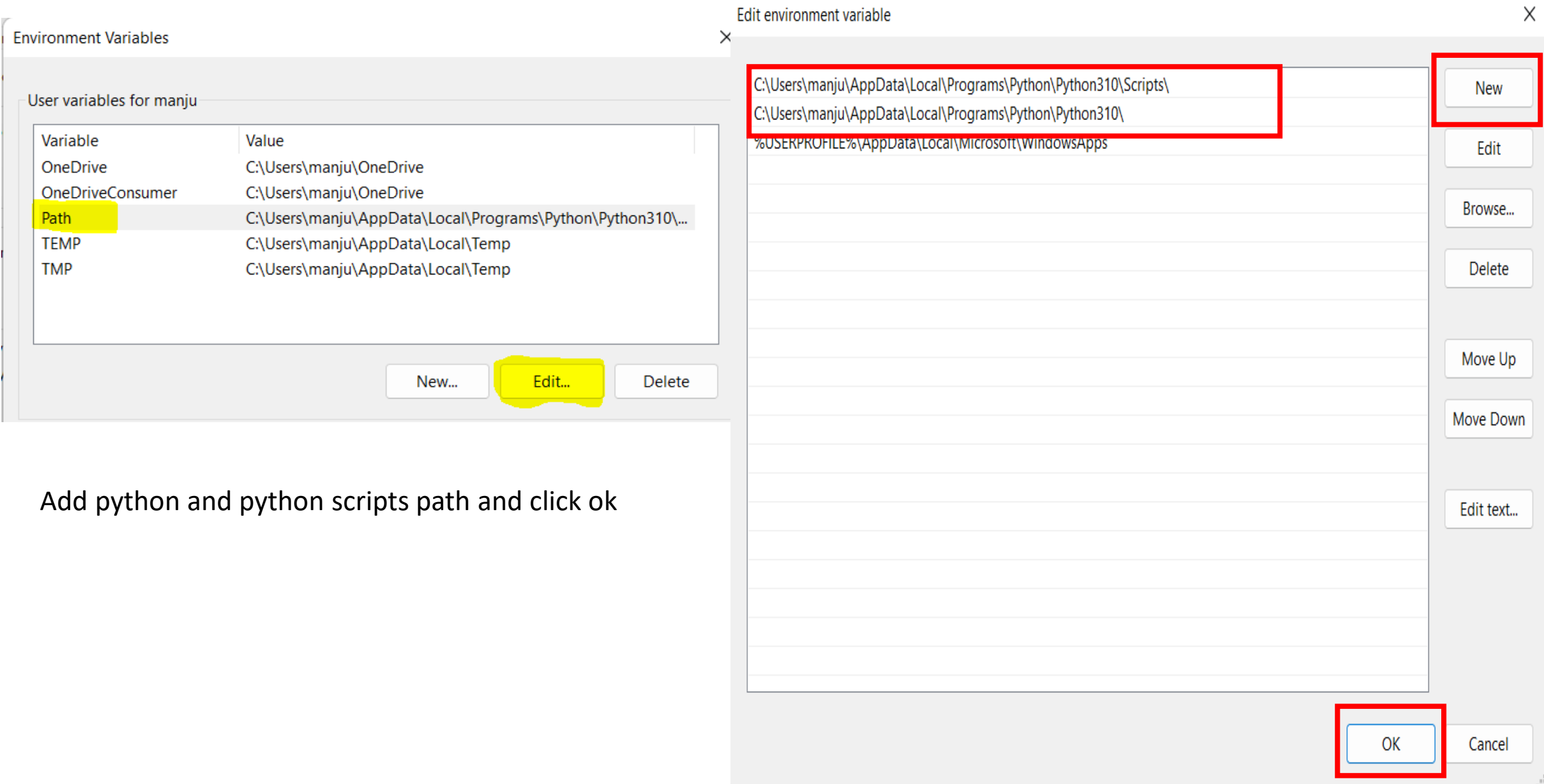
It will open a python location path, select or copy this path.

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

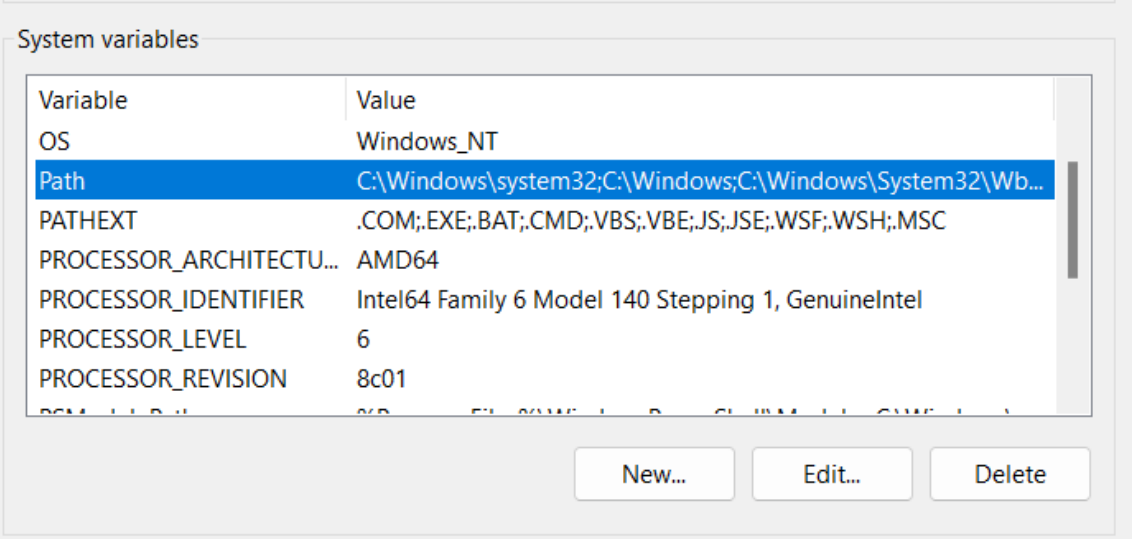


Python Scripts path → C:\Users\manju\AppData\Local\Programs\Python\Python310\Scripts

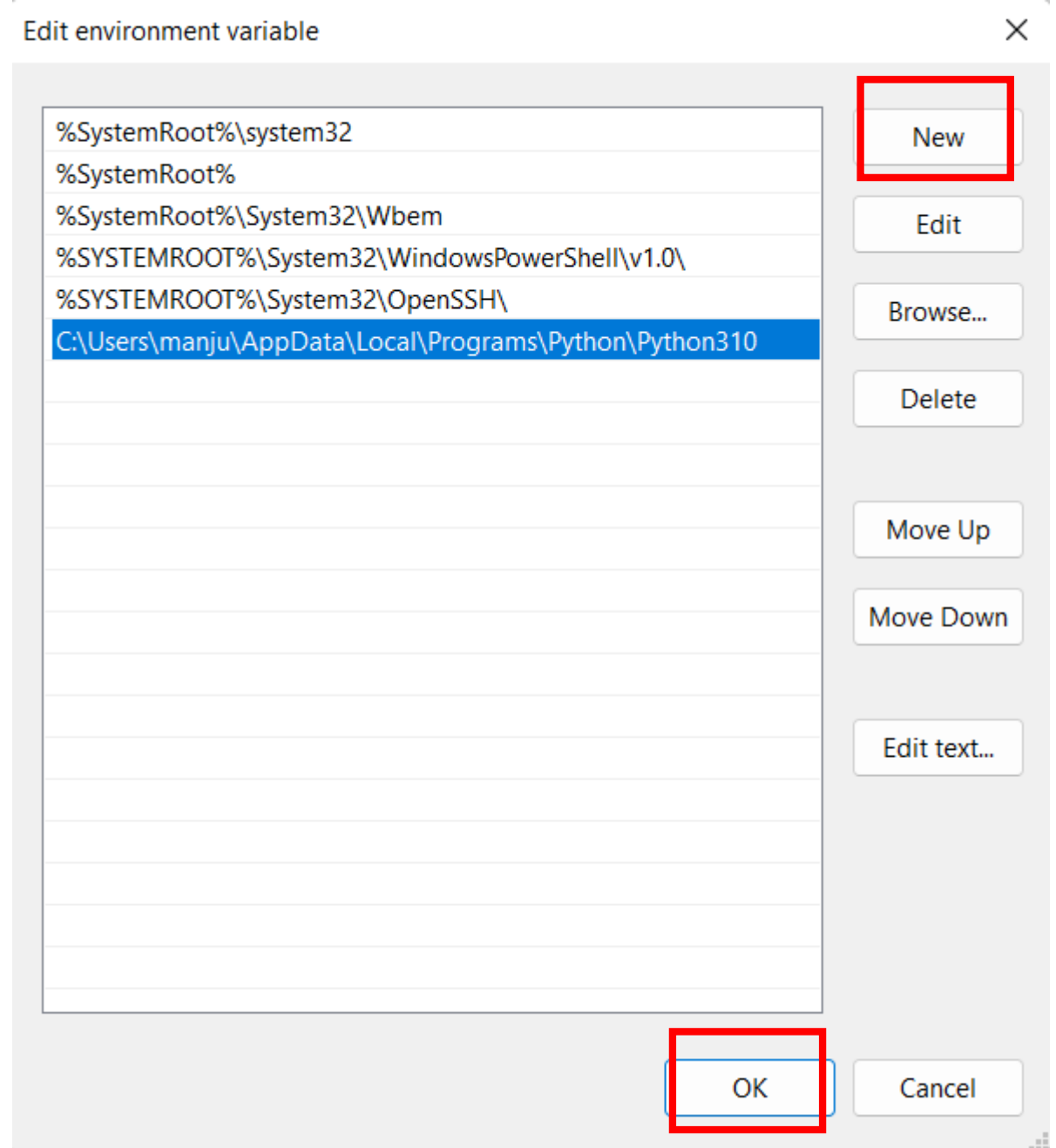




Add python and python scripts path and click ok



Select "Path" and click on Edit then add python path
click ok



User variables for manju

Variable	Value
OneDrive	C:\Users\manju\OneDrive
OneDriveConsumer	C:\Users\manju\OneDrive
Path	C:\Users\manju\AppData\Local\Programs\Python\Python310\...
TEMP	C:\Users\manju\AppData\Local\Temp
TMP	C:\Users\manju\AppData\Local\Temp

New...

Edit...

Delete

System variables

Variable	Value
OS	Windows_NT
Path	C:\Windows\system32;C:\Windows;C:\Windows\System32\Wb...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTU...	AMD64
PROCESSOR_IDENTIFIER	Intel64 Family 6 Model 140 Stepping 1, GenuineIntel
PROCESSOR_LEVEL	6
PROCESSOR_REVISION	8c01

New...

Edit...

Delete

OK

Cancel

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

System Properties

Computer Name

Hardware

Advanced

System Protection

Remote

You must be logged on as an Administrator to make most of these changes.

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OK

Cancel

Apply