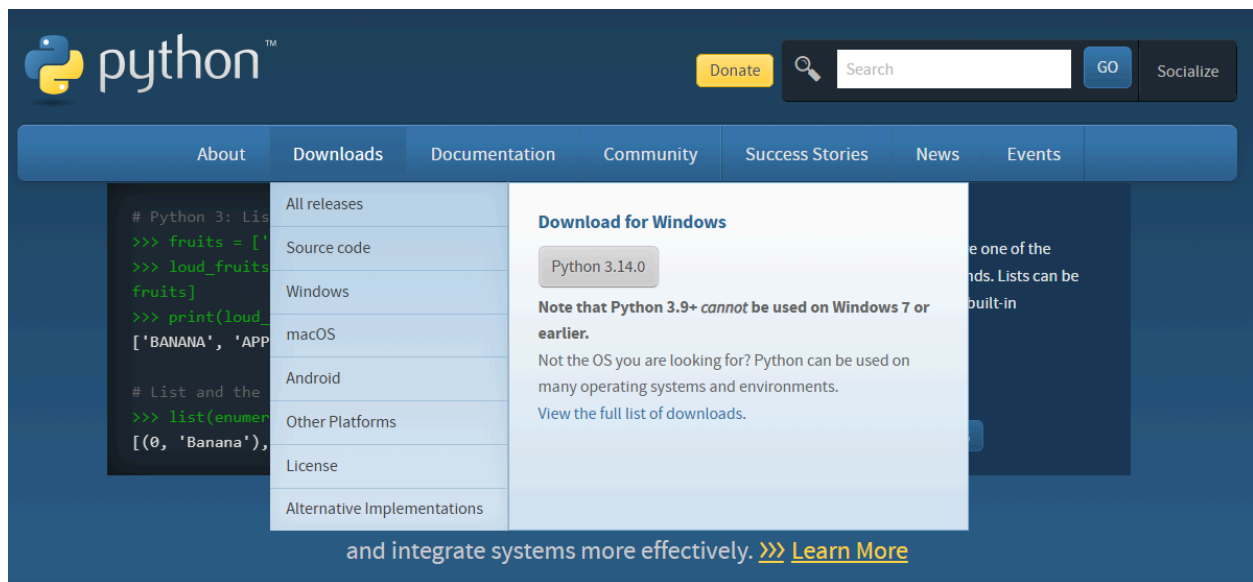


Python windows set-up guide

Step 1: Downloading Python

First you'll want to go to <https://www.python.org/> so you can download Python.

Next you'll want to hover over the download button. The Python site can detect what system you are using and will show you what version you will need to install. Click on Python 3.14.0 and wait for it to download.



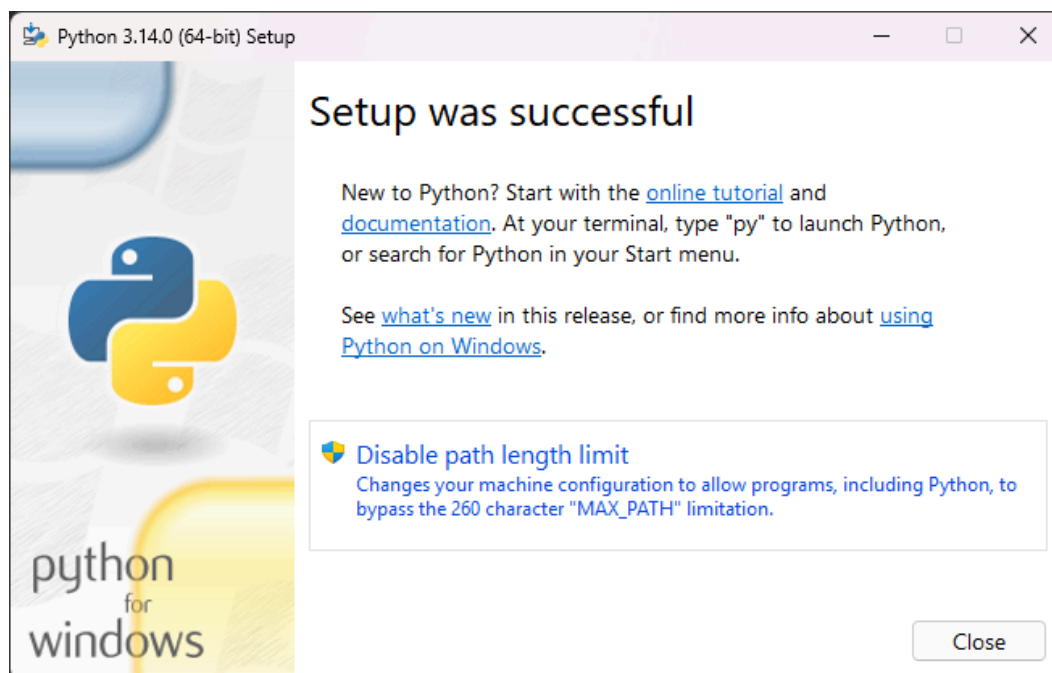
Step 2: Installing Python

Go to your downloads folder (or wherever you downloaded it to) and open up the Python file. This is what you should see. You'll want to make sure that the **'Add python.exe to PATH'** is ticked.

You need to tick **'Add python.exe to PATH'** during installation because it makes using Python from the command line or terminal vastly more convenient. Without this option ticked, your computer won't know where to find the python.exe file unless you are already in the specific installation folder.



Once it is done with the install you'll see this page. you want to **'Disable path length limit'** this is because In complex development environments, especially when dealing with nested project directories, virtual environments, or deeply installed packages, Python might try to create files with paths exceeding this limit. This can lead to cryptic and frustrating installation or runtime errors.



Step 3: Installing Python in terminal

In your terminal, run these commands:

1 - Update package lists:

```
sudo apt update
```

2 - Install the Python 3 interpreter:

```
sudo apt install python3
```

```
→ ~ sudo apt update
[sudo] password for sclark:
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 126 kB in 0s (487 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
42 packages can be upgraded. Run 'apt list --upgradable' to see them.
→ ~ sudo apt install python3
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
python3 is already the newest version (3.12.3-0ubuntu2).
python3 set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 42 not upgraded.
→ ~
```

Step 4: You've got Python installed 🎉

At this point you should have everything set up and ready to go apart from the **virtual environment**. If you now open VSCode and make a new file name 'test.py' you should be able to get a message in your terminal like the image below.

