

Title: Get Python Ready To Code !

Disclaimer: This practical must be done **only after Practical 1**.

- If Python was already installed and is the **latest version**, you do **not need** to do this practical.
- If Python is **not installed** or if the installed version is **older** than the latest version on python.org, then continue with the steps below.

Description: In this activity, you will install Python if it is not present on your computer, or update it to the latest version if your current version is old. You will also check that pip, the package manager for Python, is working.

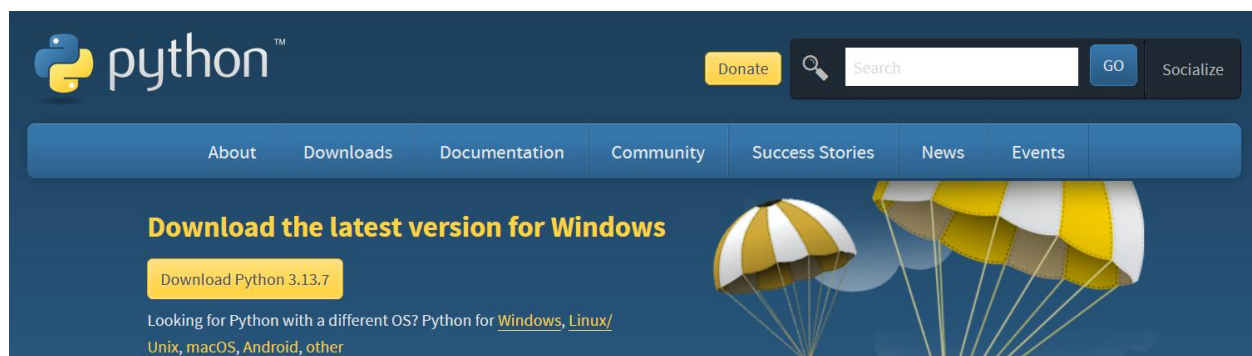
Purpose: To make sure that Python and pip are correctly installed and ready for coding.

Requirements:

- Computer with Internet Connection
- Web Browser
- Administrator rights (ask teacher for help)
- Notebook and Pen

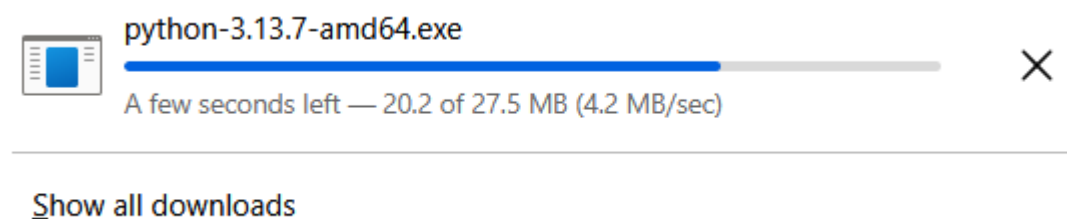
Steps:

1. Open the official Python website:
 - Go to: www.python.org/downloads
 - Note the latest version number shown (e.g., **Python 3.13.7**).



2. Download the installer:

- Click on the download button for your computer system
- Wait until the installer file is saved.



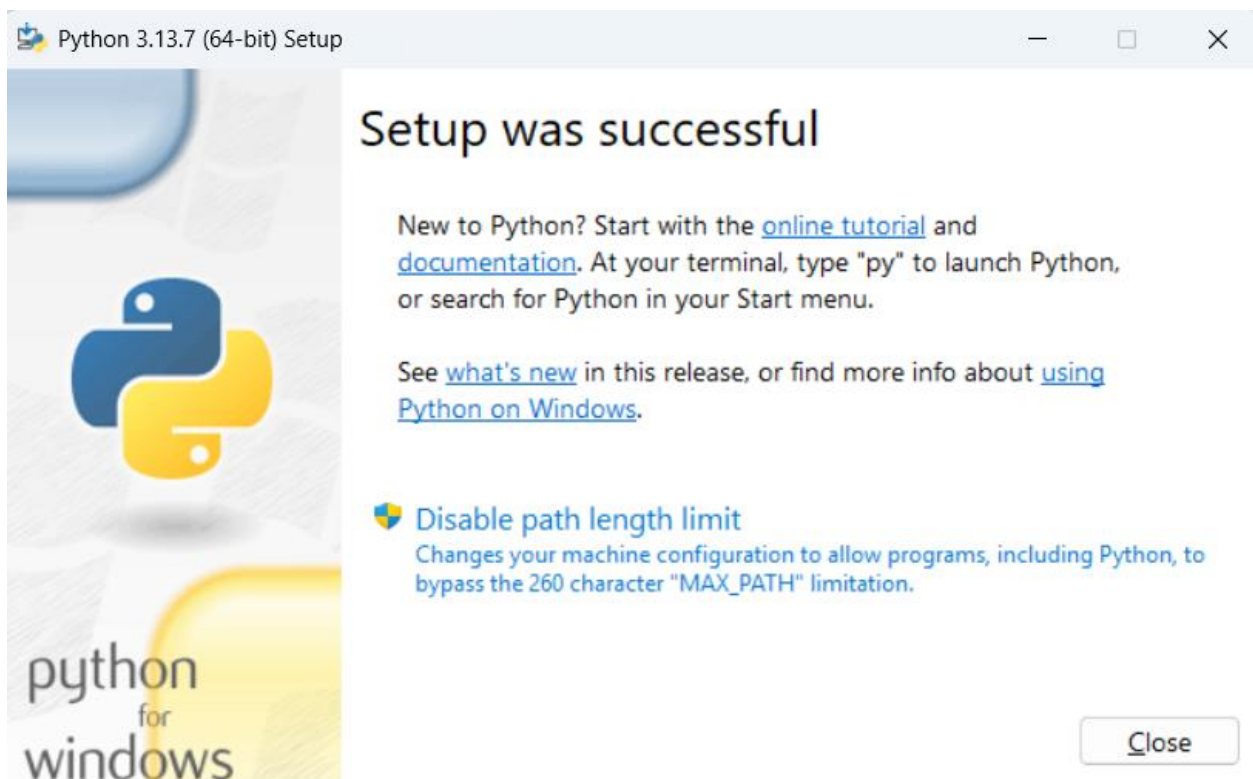
3. Run the installer:

- Double-click the downloaded installer file.
- On the first screen, tick the box **“Add Python to PATH”**
- Click **“Install Now”**



4. Wait for installation to finish:

- You will see a progress bar.
- When Finished Successfully, you will see a dialog box indicating **“Setup Was Successful”**
- Click **“Close”**.
- This should install python on your system if it was not installed, or will update python if it was of a older version earlier.



5. Check the installed version:

- Open **Command Prompt/Terminal**.
- Type **“python --version”** and Press **Enter**
- You should see the latest version number (e.g., Python 3.13.7). Write it in your notebook.

6. Check the pip (package manager) version:

- Open **Command Prompt/Terminal**.
- Type “**pip --version**” and Press **Enter**
- You should see something like “**pip 25.2 from C:\... (python 3.13)**”
- Write this line in your notebook

```
Microsoft Windows [Version 10.0.26100.6584]
(c) Microsoft Corporation. All rights reserved.

C:\Users\rahul>python --version
Python 3.13.7

C:\Users\rahul>pip --version
pip 25.2 from C:\Users\rahul\AppData\Local\Programs\Python\Python313\Lib\site-packages\pip (python 3.13)

C:\Users\rahul>
```

Expected Output:

- Python is installed and the version matches the latest one from python.org.
- pip is working and shows a version number.

Important Note:

- Always download Python only from **python.org**.
- Do not skip ticking “**Add Python to PATH**” during installation.
- Some steps may require **administrator permission**. Ask the teacher for help.