SOFTWARE

Project Name	Real-Time River Water Quality Monitoring and Control System.
Team ID	PNT2022TMID30880
Date	13 November 2022
Maximum Marks	2 Marks

Python installation steps

Step 1 : Select Version of Python to download Full Installer and install

The most stable Windows downloads are available from the [Python for Windows](#) page. On Windows, you have a choice between 32-bit (labeled x86) and 64-bit (labeled x86–64) versions, and several flavors of the installer for each. Underneath the Python Releases for Windows find the Latest Python 3 Release — Python 3.9.4
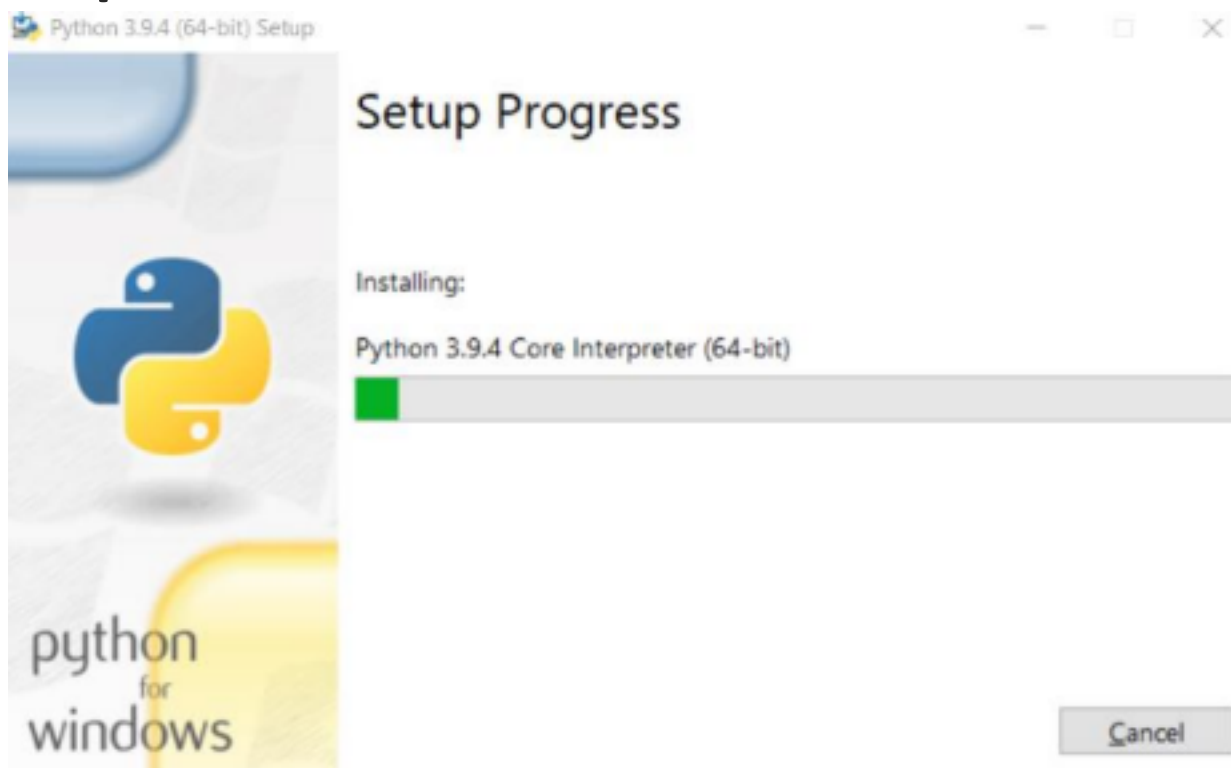
Step 2: Download python Executable installer

Double-click the executable file, which is downloaded; the following window will open. Select Customize installation and proceed. Click on the Add Path check box, it will set the Python path automatically.
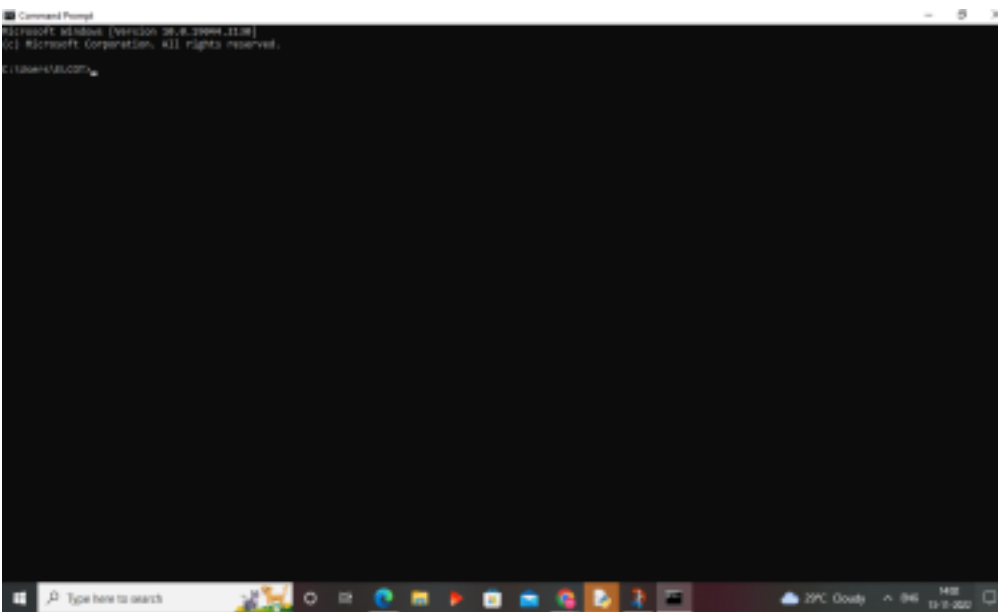
1. Run the Python Installer once downloaded. (In this example, we have downloaded Python 3.9.4)
2. Make sure you select the "Install launcher for all users" and "Add Python 3.9 to PATH" checkboxes.
3. Select **Install Now** — the recommended installation options.

Step 3: **Wait for it to complete the installation process**

The next dialog will prompt you to select whether to Disable the path length limit. Choosing this option will allow Python to bypass the 260-character MAX_PATH limit. Effectively, it will enable Python to use long path names.

The Disable path length limit option will not affect any other system settings. Turning it on will resolve potential name length issues that may arise with Python projects developed in Linux.

Step 4: Verification of installation of python in

Windows To check if Python 3.9.4 has been successfully installed in our system,

- Open Cmd prompt in your system
- Run " Python -V"

Step 5: Run python

Kudos! python has been installed in your system, Now go to

4. Windows search
5. Type IDLE
6. Open it.

Run your First Python code

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