Appendix-D

Help Document

INSTALLATION OF SOFTWARES:

INSTALLATION OF PYTHON

Step-1:-Gotohttps://www.filepuma.com/download/python_64bit_3.6.2-

15993/in any web browser and you will reach the webpage to download the python

3.6.2 software.

Step-2:- Click on the download button and there you can see that the downloading of software has been started.

Step-3:- Go to the storage location where the software file is saved.

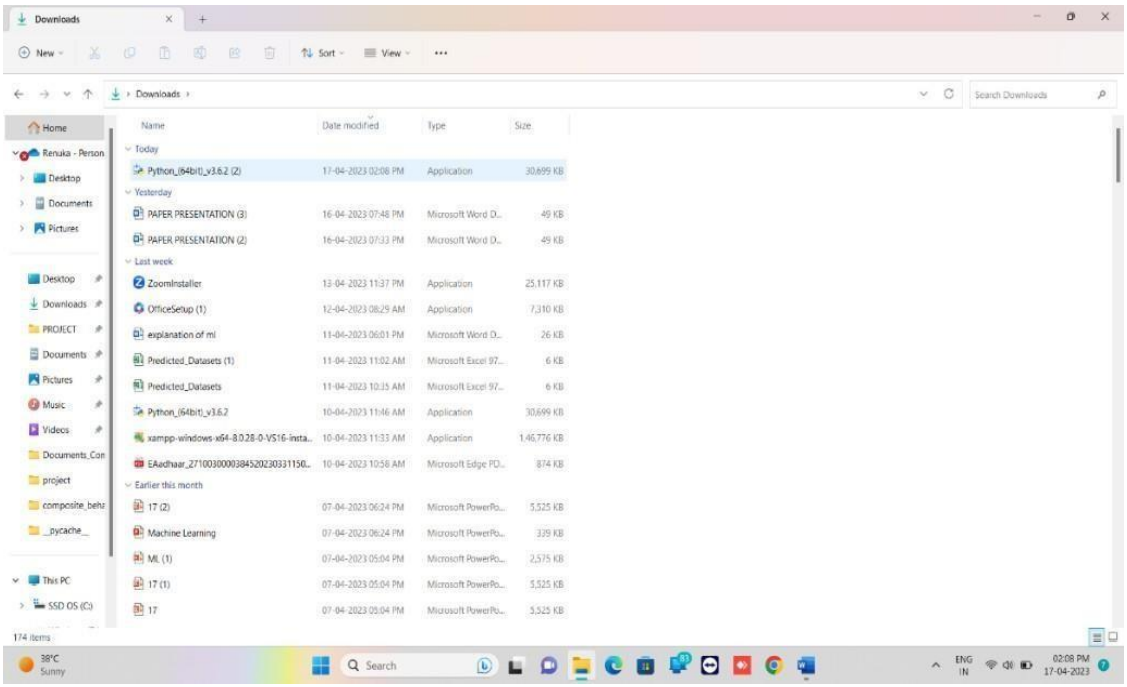

Figure 7.1.1- 1 Python installation was successful

Step-4:- Double Click on the downloaded software from the location where you have downloaded from the browser as shown in above figure.

Step-5:- The process of Python Installation is initiated as soon as double click on the software.

Step-6:- This Python software consists of IDLE and pip.

Run the Installer

Step-1:- Once you have chosen and downloaded an installer, run it by double- clicking on the downloaded file.

A dialog box like the one below will appear:

Figure 7.1.1- 2 Python installer

There are four things to notice about this dialog box:

a. The default install path is in the App Data/ directory of the current Windows user.

b. The Customize installation button can be used to customize the installation location and which additional features get installed, including pip and IDLE.

c. The Install launcher for all users (recommended) checkbox is checked default. This means every user on the machine will have access to the py.exe launcher. You can uncheck this box to restrict Python to the current Windows user.

d. The Add Python 3.6 to PATH checkbox is unchecked by default. There are several reasons that you might not want Python on PATH, so make sure you understand the implications before you check this box.

Step-2:-Customize the installation to meet your needs using the options available on the dialog box. Then click Install Now.

Figure 7.1.1- 3 Customizing the installation

Step-3:- The Optional Features include common tools and resources for Python and you can install all of them, even if you don't plan to use them.

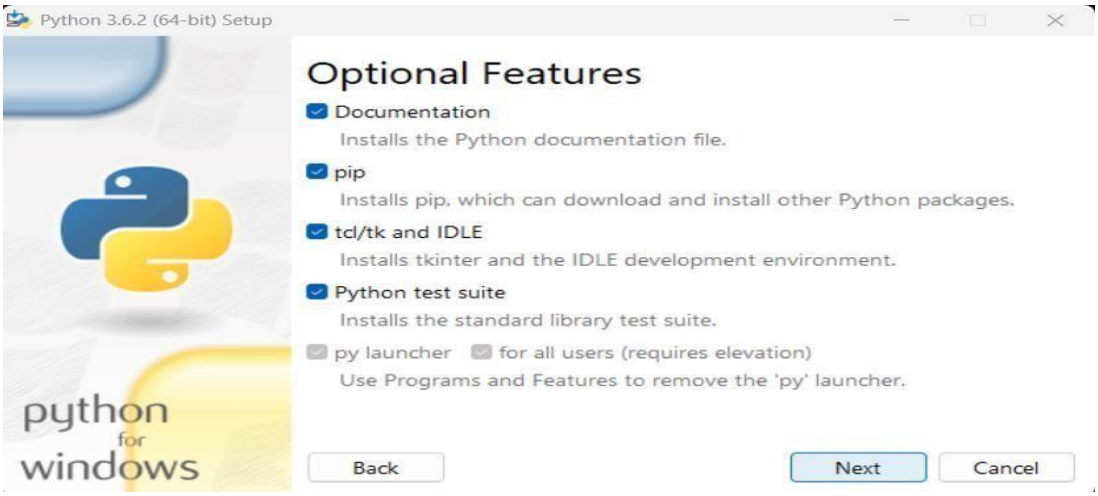

Figure 7.1.1- 4 Optional features for installation

Select some or all of the following options:

1. **Documentation:** recommended.
2. **pip:** recommended if you want to install other Python packages, such as NumPy
3. TCL/TK and IDLE: recommended if you plan to use IDLE or follow tutorials . that use it .

4. Python test suite: recommended for testing and learning.

5. py launcher and for all users :
   recommended to enable users to launch Python from the command line.

Step-4:-Click Next.

Step-5:-The Advanced Options dialog displays.

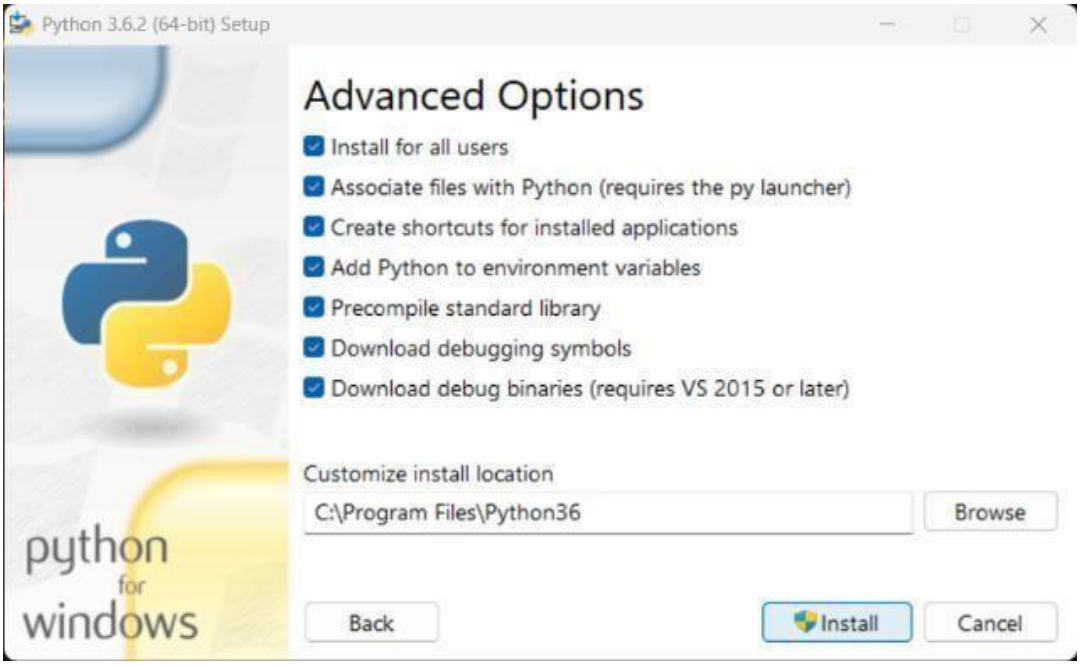

Figure 7.1.1- 5 Advanced Options Select the options that

suit your requirements:

- Install for all users: recommended if you're not the only user on this computer.
- Associate files with Python: recommended, because this option associates all the Python file types with the launcher or editor.
- Create shortcuts for installed applications: recommended to enable shortcuts for Python applications.

Add Python to environment variables: recommended to enable launching Python

- Precompile standard library: not required, it might down the installation.
- Download debugging symbols and Download debug binaries: recommended only if you plan to create C or C++ extensions.

- Make note of the Python installation directory in case you need to reference it later

Step-6:-Click Install to start the installation.

Step-7:-After clicking on install button a setup progress wizard shows the installation of

1. core interpreter
2. executables
3. standard library
4. test suite
5. utility scripts
6. TCL/TK support
7. pip Bootstrap

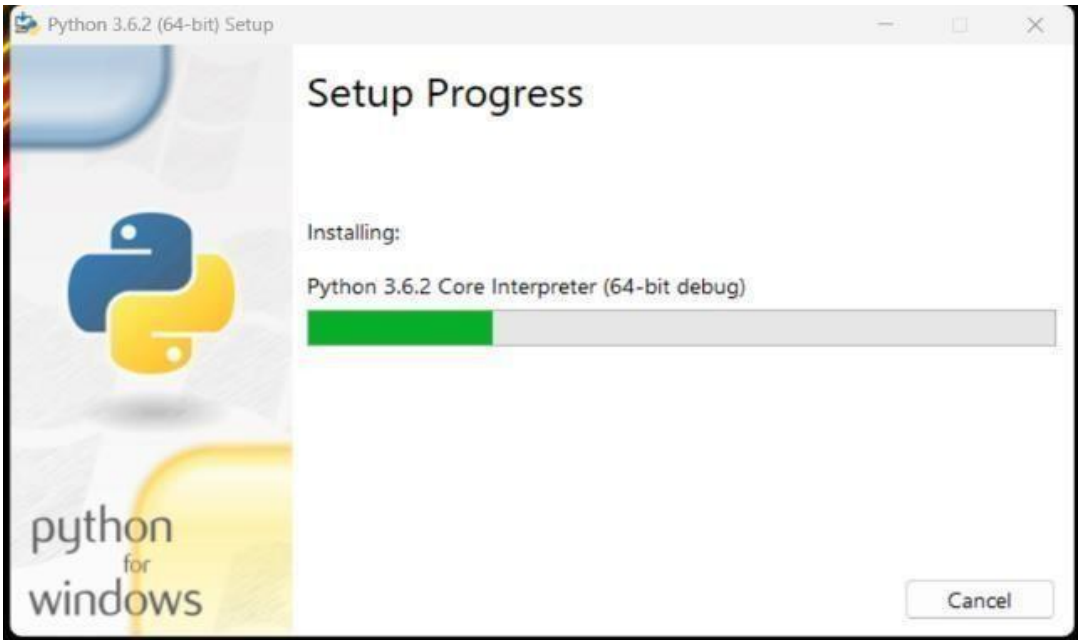

Figure 7.1.1- 6 Installing executable files

Step-8:-After the installation is complete, a Setup was successful message displays.

Figure 7.1.1- 7 Python installation was successful