Python Training – Day 1 Summary

1. **How Operating System Works**

- Operating System (OS) is the main software that manages hardware and software.

- It controls memory, processes, input/output devices, files, and system security.

- When we run a program, the OS gives it memory and tells the CPU to execute it.

2. **How a Program Works in Background**

- When we run code, it is translated by an interpreter or compiler.

- The OS creates a process and assigns memory and resources to it.

- The program runs in the background until it finishes or is stopped.

3. **How to Connect GitHub with VS Code**

- GitHub is used to save and share code online.

- VS Code is a code editor that supports GitHub.

- Steps to connect:

    o Install Git on your computer.

    o Open VS Code.

    o Clone a GitHub repo or open a folder with a local repo.

    o Use Git terminal to push code.

4 **How to Start VS Code**

- Download from: https://code.visualstudio.com/

- Install and open it.

- Open a folder or file and start coding.

6. **How to Download Python**

- Go to: https://www.python.org/downloads/

- Download the latest version and install it.

- To check if Python is installed, type this in terminal:

python –version