**Recap of Day 1 — Python Development Introduction**

1. **Introduction to Programming**
   * Explained what programming is: giving instructions to a computer to solve problems.
   * Shared common types of programming (e.g., procedural, object-oriented, functional).
2. **What is Python Development?**
   * Defined Python as a high-level, beginner-friendly, and versatile programming language.
   * Highlighted its use cases: web apps, data analysis, AI/ML, automation, and scripting.
3. **IDE Overview**
   * Explained what an IDE (Integrated Development Environment) is: a tool that helps in writing, running, and debugging code.
   * Mentioned popular IDEs: VS Code, PyCharm, Jupyter Notebook, Spyder.
4. **Python Installation**
   * Guided students to install Python on their systems.
   * Walked through installation steps and basic verification (checking version).
5. **VS Code Setup**
   * Demonstrated how to install VS Code.
   * Installed and configured the Python extension for code execution and debugging.