

1. **What is Software?**

-> Software is a collection of data, instructions, or programs that enable a computer to perform specific tasks. It includes system software and application software.

2. **What are the types of Applications?**

-> Desktop Applications: Run on personal computers (e.g., Microsoft Office).

Web Applications: Accessed via web browsers (e.g., Gmail).

Mobile Applications: Designed for mobile devices (e.g., Instagram).

Enterprise Applications: Used by businesses (e.g., ERP systems).

Embedded Applications: Integrated into devices (e.g., firmware in appliances).

3. **What is programming?**

-> Programming is the process of writing, testing, and maintaining code to create software applications. It involves using programming languages like Python, Java, and C++ to solve problems and automate tasks.

4. **What is Python?**

-> Python is a high-level, object-oriented, interpreted programming language known for its simplicity and readability. It is widely used for web development, data analysis, machine learning, automation, and more, with extensive libraries and community support.