

Module-1 (SDLC)

1.what is software?

- software is a set of instructions, data or programs used to operate a computers and execute specific tasks.
- it is the opposite of hardware, which describes physical aspects of computer.
- software is a generic term used to refer to applications, scripts and programs that run on a device.

2.what are the types of applications?

- web application
- desktop application
- mobile application

3.what is programming?

- programming is the process of creating a set of instructions that tell a computer how to perform a task.
- programming can be done using variety of computer programming languages.
- for ex. java , python, c++.

4.what is python?

- Python is an interpreted, object-oriented, high-level programming language with dynamic semantics.
- Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development.
- Python supports modules and packages, which encourages program modularity and code reuse.
- The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

