Python Assignment

Module – 1 (SDLC)

• What is Software?

¬ Software is a set of instructions, data, or programs used to operate a computer and execute specific tasks. In simpler terms, software tells a computer how to function.

• What are the types of Applications?

• Word Processing Software

• Spreadsheet Software

• Presentation Software

• Multimedia Software

• Web Browsers

• Educational Software

• Graphics Software

- Freeware

- Shareware

- Simulation Software

- Open Source

- Closed Source

  - <u>What is programming?</u>
    - A computer program consists of code that is executed on a computer to perform particular tasks. ¬ Programming is the implementation of logic to facilitate specified computing operations and functionality. It occurs in one or more languages, which differ by application, domain and programming model.
  - **<u>What is Python?</u>**
    - Python is a high-level, interpreted, interactive and objectoriented scripting language. Python is designed to be highly readable. It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.