PYTHON Assignment
MODULE: 1 (SDLC)

1. **What is software?**

Ans. Software is a collection of information, instruction and data that tells a computer how to work. It is an untouchable part of a computer. It enables applications and programs to run on hardware (monitor, CPU, Keyboard, Hard disks, etc.) of a computer. It functions antagonist to hardware of a computer.

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

Ans. The 3 main applications of Python are:

    a) ***Mobile application***: It enables applications to run on a mobile device, eg. Facebook, Instagram, Messenger, Google maps, Calculator, Podcasts, etc.

    b) ***Web application***: It enables computer to run a website using a web browser like Google chrome, Safari, Opera, Mozilla, etc.

    c) ***Desktop application***: It is used to perform task on desktop/PC, eg. MS office, notepad, paint, VS code, Photoshop, media player, etc.

3. **What is programming?**

Ans. Programming refers to a technological process which tells a computer which task to perform in order to solve a problem. It is a collaboration between humans and computers, in which humans create instructions for computer to follow (code) in a language which computers can understand.

4. **What is Python?**

Ans. Python is an object-oriented, high level programming language often used to build websites and software, automate tasks and analyze data. It supports modules and packages which encourages program modularity and code reuse.