**Assignment-1 ==> SDLC**

**1. What is Software?**

**Ans.:** Software is a set of instructions, data or programs used to operate computers and execute specific tasks. The two main categories of software are application software and system software an application is software that full fills a specific need or performs tasks. System software is designed to run a computer's hardware and provides a platform for applications to run on top of.

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

**Ans.:** Types of Application Software

* Word Processing Software.
* Spreadsheet Software.
* Presentation Software.
* Multimedia Software.
* Web Browsers.
* Educational Software.
* Graphics Software.
* Freeware.

**3. What is programming?**

**Ans.:** Programming is the process of creating a set of instructions that tell a computer how to perform a task. Programming can be done using a variety of computer programming languages, such as JavaScript, Python, and C++

**4. What is Python?**

**Ans.:** Python is an interpreted, object-oriented, high-level programming language with dynamic semantics developed by Guido van Rossum. It can be used to create a variety of different programs and isn't specialized for any specific problems.