Day-01 - Date: 03/09/2025

- Python - python is a high-level interpreted language known for simplicity and readability created by Guido Vann Rossum in 1991

- Advantages of python
  - Simple syntax easy to learn
  - Built-in libraries
  - Open source software
  - Platform independent
  - Need less memory
  - Execute faster compare to some programs.

- Applications of python
  - Web development
  - Mobile app development
  - Machine learning / deeplearning
  - AI
  - Cyber security
  - Graphics
  - IOT
  - Automation
  - Desktop app development

- Why python called interpreted language?
  - Python program are executed line by line using python interpreter
  - Makes debugging easier since errors stop execution immediately.