

## **Python:**

Python is a high-level, interpreted programming language that executes code line by line. It supports object-oriented programming, uses indentation to define code blocks, and is dynamically typed, meaning variable types are determined at runtime.

## **Features of Python:**

- 1) Simple syntax/easy to learn
- 2) Libraires
- 3) Open source
- 4) Platform independent
- 5) Less memory
- 6) Execute faster compare to some programming language

## **Applications of Python:**

- 1) Web development
- 2) Mobile app development
- 3) Machine leaning/deep learning
- 4) AI
- 5) Cyber security
- 6) Graphics
- 7) IoT
- 8) Automation
- 9) Desktop app development etc..