Python

**What is OOP?**

Object oriented programming (oop) is a programming paradigm based on the concept of object that interact with each other to perform program functions. Each object can be characterized by a state and behaviour. An object’s current state represented by its field and an object’s behaviour is represented by its methods.

**Advantage of oop:**

* OOP can support large software project.
* OOP offers better data protection.
* Code reusability.
* Better representation of real-world objects.
* Better software maintenance.
* Enhanced Security.
* Easy code modification.