**What is OOP? List OOP concepts.**

* OOP stands for Object-oriented programming .
* object-oriented programming is about creating objects that contain both data and functions.

**List OOP concepts**

1. **Class:** Class is a collection of data members and members function.
2. **Object:** Object gives permission to use the functionality of a class.
3. **Inheritance:** Acquiring the attributes of the parent class.
4. **Polymorphism:** Acquiring more than one form.
5. **Encapsulation:** Hide complexity.
6. **Abstraction:** Show only what is necessary.