Q-1.2 What is OOP? List OOP concepts

OOP: Object-oriented programming (OOP) is a computer programming model that organizes software design around data, or objects, rather than functions and logic.

- OOP has six concept

1. Class

- Class is a blue print of the object

OR

- Class is Combination of the data member and member function.

- Data Member is a variable which was define in side the class

- Member function is a UDF which was define the class body

2. Object

- Object is a instance of the class.

3.Abstraction

4.Encapsulation

5.Inheritance

6.Polymorphism

Pillars of OOPs

* Abstraction
* Encapsulation
* [Inheritance](https://www.geeksforgeeks.org/inheritance-in-java/)
* [Polymorphism](https://www.geeksforgeeks.org/polymorphism-in-java/)