2. What is OOP? List OOP Concepts.

> Object-Oriented Programming is a programming paradigm in computer science that relies on the concept of objects and classes. It is used to structure a software program into simple, reusable pieces of code blueprints (usually called classes), which are used to create individual instances of objects.

> Following are OOP concepts:

* Class
* Objects
* Data Abstraction
* Encapsulation
* Inheritance
* Polymorphism
* Dynamic Binding
* Message Passing