1. What is OOP? List OOP concepts.

* OOP : Object Oriented Programming.
* List :
  + 1. Class
    2. Object
    3. Inheritance
       1. Single inheritance
       2. Multiple inheritance
       3. Multilevel inheritance
       4. Hierarchical inheritance
       5. Hybrid inheritance
    4. Encapsulation / Data binding
    5. Polymorphism
       1. Method overloading
       2. Method overriding
    6. Data hiding / modifier
       1. Private : (Default)
       2. Protected
       3. Public

1. What is the difference between OOP and POP?

* **OOP** : Object-Oriented Programming.
* OOP refers to Object Oriented Programming. It deals with objects and their properties.
* OOP is a low-level programing.
* Bottom-up approach
* Inheritance support.
* Data handling is possible in OOP due to programming.
* OOP support code reusability.
* Used for solving big problems.
* Ex :- C++, JAVA, C#, .NET
* **POP** : Procedural Programming .
* POP refers to Procedural Oriented Programming and deals with programs and functions.
* POP is a high-level programing.
* Top-down approach
* Inheritance not support.
* It is less secure than OOP.
* POP not support code reusability.
* Not suitable for big problems.
* Ex :- C, FORTRAN