2. What is OOP? List OOP concepts.

* OOP stands for Object Oriented Programming. OOP is about creating objects that contain both data and functions.

List of OOP concepts are: 1. Class

2. Object

3. Constructors

4. Encapsulation

5. Inheritance

6. Polymorphism

3. What is the difference between OOP and POP?

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| OOP | POP |
| Object Oriented Programming | Procedure Oriented Programming |
| Program is divided into parts called Class | Program is divided into parts called function |
| Follows Bottom Up approach | Follows Top Down approach |
| Have Access Specifier like Public, Private & Protected | Does not have Access Specifier |
| objects can move and communicate with each  other through member functions.  objects can move and communicate with each  other through member functions.  It provide easy way to add new data & function | It’s not so easy to add data & function |
| overloading is possible in the form of Function Overloading and Operator Overloading | Overloading is not possible |
| Example : C++, JAVA, VB.NET, C#.NE | Example : C, VB, FORTRAN, Pascal |