

## Basic Concepts of OOP

### 2. What is OOP? List OOP concepts.

- A programming paradigm builds on the concept of object.

#### Concepts of OOP:

1. Class
2. Object
3. Encapsulation
4. Inheritance
5. Polymorphism
6. Abstraction

### 3. What is the difference between OOP and POP?

OOP	POP
1.object oriented programming	1.procedural oriented programming
2.The main focus of OOP is on the data	2. The main focus of POP is on the procedures
3.program are divided into parts known as object	3.in this program are divided into function
4.it is a top to down approach	4.it is bottom-up approach
5.inheritance is allowed	5.inheritance is not allowed
6.supported by C++, JAVA and PYTHON.	6.supported by C,FRONTEN and PASCAL.