

1. what is OOP concept?

OOP stands for object- Oriented Programming.

Procedural programming is about writing procedures or functions that perform operations on the data, while object -oriented programming is about creating an object that contains both data and functions.

OOP advantage over procedural programming.

- OOP is faster and easier to execute.
- OOP provides a clear structure for the programs.
- OOP helps to keep the C++ code DRY "Don't repeat yourself" and makes the code easier to maintain, modify and debug.
- OOP makes it possible to create full reusable applications with less code and shorter development time.

What is the difference between OOP and POP?

No.	key	OOP	POP
1	Definition	OOP stands for Object Oriented Programming.	POP stands for Procedural Oriented Programming.
2	Approach	OOP follows bottom up approach.	POP follows top down approach.
3	Division	A program is divided into objects and their interactions.	A program is divided into functions and they interact.

4	Inheritance supported	Inheritance is supported.	Inheritance is not supported.	
5	Access control	Access control is supported via access modifiers.	No access modifiers are supported.	
6	Data Hiding	Encapsulation is used to hide data.	No data hiding present. Data is globally accessible.	
7	Example	C++, Java	C, Pascal	