



# Difference between OOP and POP

**OOP:**

Related with the real life objects and their properties, etc. Concepts.

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- 1. Class and Objects
- 2. Data abstraction
- 3. Encapsulation
- 4. Polymorphism
- 5. Inheritance

**POP:**

Related with the conventional style. This approach is also known as the top-down approach. In this approach, a program is divided into functions that perform specific tasks. This approach is mainly used for medium-sized applications. Data is global, and all the functions can access global data. The basic drawback of the procedural programming approach is that data is not secured because data is global and can be accessed by any function. Program control flow is achieved through function calls and go to statements.

**Difference between OOP and POP:**

OOP	POP
Object oriented.	Structure oriented.
Program is divided into objects.	Program is divided into functions.
Bottom-up approach.	Top-down approach.
Inheritance property is used.	Inheritance is not allowed.
It uses access specifier.	It doesn't use access specifier.
Encapsulation is used to hide the data.	No data hiding.
Concept of virtual function.	No virtual function.
C++, Java.	C, Pascal.

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