

## What is the difference between OOP and POP?

<u>Object Oriented Programming(OOP)</u>	<u>Procedure Oriented Programming(POP)</u>
OOP refers to Object Oriented Programming. It deals with objects and their properties.	POP refers to Procedural Oriented Programming and deals with programs and functions.
An object-oriented program uses the bottom-up approach.	A procedure-oriented program uses the top-down approach.
Data can be hidden using encapsulation.	There is no data-hiding mechanism. Data is globally accessible, as there are no access specifiers.
Method overloading and method overriding are used in OOP to achieve polymorphism.	POP does not support polymorphism.
OOP supports inheritance and virtual functions and virtual classes via it.	There is no concept of inheritance in POP and neither does it support the use of virtual classes or virtual functions.
OOP supports code reusability.	No code reusability is provided by POP.