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OOP Concept

**1.What is OOP? List OOP concepts**

Ans :-   
The main intent of introducing the C++ programming language was to add object-oriented features to the C language. OOPs offer several benefits or advantages to the designer and user, and there are various areas where OOPs play an essential role, including user interface design, simulation, and modeling, etc. This article on OOPs concepts in c++ will help you understand and learn all about C++ object-oriented programming.

OOPs, or Object-oriented programming is an approach or a programming pattern where the programs are structured around objects rather than functions and logic. It makes the data partitioned into two memory areas, i.e., data and functions, and helps make the code flexible and modular.

**2. What is the difference between OOP and POP?**

Ans:- The basic difference between OOP and POP both are programming methods, with OOP denoting “**Object-Oriented Programming**” and POP denoting “**Procedure Oriented Programming**.” OOP and POP both are high-level programming languages that solve problems, but they take distinct techniques. Programming paradigms are the technical terms for these methodologies. Because there is no one-size-fits-all solution to a problem, a programmer might use a variety of approaches while writing software.