

# What is OOPS?

Object-Oriented Programming is a paradigm to design a program using classes and objects. It simplifies the software development and maintenance by providing some concepts such as encapsulation, polymorphism, inheritance, abstraction.

## **OOPs provide the following advantages-**

- Code maintenance
- Reusability
- Security
- Better productivity
- Polymorphism flexibility
- Easy troubleshooting
- Design benefits
- Data redundancy