OOPs_2_Features_Recap

Encapsulation +Abstraction=Security

The process of binding data and coding part is called as "Encapsulation".

The process showing necessary data or implementation and hiding unnecessary data or implementation is called as "Abstraction".

The main objective of inheritance is "Code Reusability".

If one thing is existed in multiple forms then it is called as Polymorphism.
Polymorphism is "Greek" word, where poly means many and morphism means structures [forms].

The main advantage of Polymorphism is "Flexibility" to design application.

The main advantage of message passing is to improve "Communication" between entities and "data navigation" between entities.

Class ——> Basic element
Object ——> Fundamental Element
Encapsulation ———>Security
Abstraction ———> Security

inheritance is ————> Code Reusability

Polymorphism ———> Flexibility

Message Passing ——> **Communication between entities and "data navigation" .**