Oops

* Inheritance:

1. **Super class or derived class:**

The class which contains two classes one is father and the other is child class.

1. **Multi-level class:**

the class which contains three classes the grandfather class, the father class and the child class.

1. **Hierarchal class:**

Here there will be three classes one is father and two child classes.

1. **Multiple class:**

This class contains three classes two parent classes (i.e one is father class and the another is mother class) and one child class.

* Polymorphism:

Poly means more than two, itdefines methods in the child class that have the same name as the methods in the parent class.

* Encapsulation:

Encapsulation is one of the fundamental concepts in object-oriented programming (OOP). It describes the idea of wrapping data and the methods that work on data within one unit.

* Data abstraction:

Abstraction can be achieved by using abstract classes and interfaces. A class that consists of one or more abstract method is called the abstract class. Abstract methods do not contain their implementation.