* Class members ---🡪 [ Object]

Static members / Non static members

Class Employee{

String EmpName ;

String empId;

Double empsal;

}

* ClassNam objVar = new ClassName();

1. Class
2. Object
3. Inheritance
4. Polymorphism
5. Encapsulation
6. Abstraction

Derived 🡨------ Base

Extends

Class Bank {

}

Class ICIA extends Bank{

}

Class ICIB extends ICIA {

}

N number of levels we can create.

* Derived class can access all the members of the Base
* Derived class can have it’s own members

To construct the code for implementing single inheritance…

VechileInfo ----🡪 Base Class

VechileOne--🡪

VechileTwo --🡪

Multilevel inheritance :

Normal variables , Methods , Constructors , param const

This

Super

Method Overloading

Using different parameters

Non parameterized , parameterized methods

Method Name must be same

With different parameters

Same method can perform different tasks .

SumTest(x,y){

//Task1

}

SumTest(p,q,r){

//Task2

}

SumTest(a,b,c,d){

//task3

}

Scenario :

Create a class as BookDetails where the class members are BookName , BookAuthor, BookPrice

Create the method FetchBookDetails to display the

BookName

BookName , BookAuthor

BookName,BookAuthor,BookPrice