EncapsulationDemo Class

package com.mycompany.practicals;

public class EncapsulationDemo {

private String EmpName;

private int age;

private float salary;

private float bonus;

public EncapsulationDemo(String EmpName, int age, float salary, float bonus){

this.age=age;

this.EmpName=EmpName;

this.salary=salary;

}

public void setEmpName(String Name){

EmpName=Name;

}

public String getEmpName(){

return EmpName;

}

public void setBSalary(float BSalary){

salary=BSalary;

}

public float getBSalary(){

return salary;

}

public float CalcBonus(){

return bonus+salary;

}

public void Display(){

System.out.println("Emp Name: " +EmpName);

System.out.println("Basic Salary: " +salary);

System.out.println("Bonus Amount: " +(bonus+salary));

}

}

Main method

package com.mycompany.practicals;

public class Practicals {

public static void main(String[] args) {

EncapsulationDemo e=new EncapsulationDemo("Hansana", 24, 100000.0f, 89000.0f) ;

e.CalcBonus();

e.Display();

e.setEmpName("Chanuka");

e.setBSalary(300000.0f);

e.getEmpName();

e.getBSalary();

e.Display();

}

}

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output :

Emp Name : Chanuka

Basic Salary : 100000.0

Bonus Amount : 100000.0

Emp Name : Kauhsalya

Basic Salary : 300000.0

Bonus Amount : 300000.0