**6) Write a program to demonstrate multiple inheritance through interface.**

**class person.**

**Program :-**

{

String name;

int age;

String address;

void persondetails(String nm, int ag, String add)

{

name=nm;

age=ag;

address=add;

}

void displayperson()

{

System.out.println("Name:"+name);

System.out.println("Age:"+age);

System.out.println("Address:"+address);

}

}

class Employee extends person

{

int empid;

int salary;

void empdetails(int id, int sal)

{

empid=id;

salary=sal;

}

void displayemployee()

{

System.out.println("Empid:"+empid);

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

}

}

interface Bonus

{

int bonus=1000;

void compute();

}

class Faculty extends Employee implements Bonus

{

int amount;

public void compute()

{

System.out.println("Bouns:"+bonus);

amount=salary+bonus;

}

void facultydetails()

{

displayperson();

displayemployee();

compute();

System.out.println("The total amount is:" +amount);

}

}

public class MultipleInheritance

{

public static void main(String[] args)

{

Faculty obj=new Faculty();

obj.persondetails("Nisha",23,"115,Greenfield Apartment,Pratap Nager,Nagpur-440018");

obj.empdetails(001,20000);

obj.facultydetails();

System.out.println("");

obj.persondetails("Surbhi",27,"Sai Apartment,Sai Nagar,Nagpur-440023");

obj.empdetails(002,30000);

obj.facultydetails();

}

}

**Output :-**

Name:Nisha

Age:23

Address:115,Greenfield Apartment,Pratap Nager,Nagpur-440018

Empid:1

Salary:20000

Bouns:1000

The total amount is:21000

Name:Surbhi

Age:27

Address:Sai Apartment,Sai Nagar,Nagpur-440023

Empid:2

Salary:30000

Bouns:1000

The total amount is:31000

Press any key to continue . . .