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// -----PersonallInformation.java-----
import java.lang.*;
class Person
{
    private String name;          private String address;
    Person( String name, String address)
    {
        this.name=name;          this.address=address;
    }
    public String getName(){ return name;}
    public String getAddress(){ return address;}
    public void setAddress(String address)
    { this.address=address;}
    public String toString()
    { return "Person[name="+name+",address="+address+"]"; }
}

class Student extends Person
{
    private String program; private int year; private double fee;
    Student(String name,String address,String program, int year, double fee)
    { super(name,address);
      this.year=year; this.program=program; this.fee=fee;
    }
    public String getProgram(){ return program;}
    public void setProgram(String program)
    { this.program=program; }
    public int getYear(){ return year;}
    public void setYear(int year)
    { this.year=year; }
    public double getFee(){ return fee; }
    public void setFee(double fee)
    { this.fee=fee; }
    public String toString()
    { return
"Student[Person[name="+getName()+",address="+getAddress()+"],program="+program+",year="+year+
",fee="+fee+"]";
    }
}

class Staff extends Person
{
    private String school; private double pay;
    Staff(String name,String address,String school, double pay)
    { super(name,address);
      this.school=school; this.pay=pay;
    }
    public String getSchool(){ return school;}
    public void setSchool(String school ) { this.school=school; }

    public double getPay(){ return pay; }
    public void setPay(double pay)
    { this.pay=pay; }
}
```

```

    public String toString()
    { return
"Staff[Person[name="+getName()+",address="+getAddress()+"],school="+school+",pay="+pay+"]";}
}
public class PersonalInformation
{
    public static void main(String a[])
    { Staff stf=new Staff("HEMANTH","GUNTUR","IT",70000);
      System.out.println(" -----Staff Information using Constructor-----");
      System.out.println(" -----Initialized values of Staff using constructor-----");
System.out.println(""+stf);
      System.out.println(" -----seting and geting values of Staff using set and get methods-----");
      stf.setAddress("HYD");
      stf.setSchool("COMPUTER SCIENCES");
      stf.setPay(60000);
System.out.println(" -----Staff Information using set and get methods-----");
      System.out.println("NAME :"+stf.getName()+"\nADDRESS : "+stf.getAddress()+"\nSCHOOL
:"+stf.getSchool()+"\nPAY :"+stf.getPay());
      Student std=new Student("XYZ","RVRJC","B.TECH",2,35000);
      System.out.println(" -----Initialized values of Student using constructor-----");
      System.out.println(""+stf);
      System.out.println(" -----seting and geting values of Student using set and get methods-----");

      std.setAddress("BZA");
      std.setProgram("M.Tech");
      std.setYear(1);
      std.setFee(50000);
      System.out.println(" -----STUDENT Information using set and get methods-----");
      System.out.println("NAME :"+std.getName()+"\nADDRESS : "+std.getAddress()+"\nPROGRAM
:"+std.getProgram()+"\nYEAR :"+std.getYear()+"\nFEES :"+std.getFee());
    }
}

```

/* Execution and Output

E:\ANDROID\ASSIGNMENT-1>javac PersonalInformation.java

E:\ANDROID\ASSIGNMENT-1>java PersonalInformation

-----Staff Information using Constructor-----

-----Initialized values of Staff using constructor-----

Staff[Person[name=HEMANTH,address=GUNTUR],school=IT,pay=70000.0]

-----seting and geting values of Staff using set and get methods-----

-----Staff Information using set and get methods-----

NAME :HEMANTH

ADDRESS : HYD

SCHOOL :COMPUTER SCIENCES

PAY :60000.0

-----Initialized values of Student using constructor-----

Staff[Person[name=HEMANTH,address=HYD],school=COMPUTER SCIENCES,pay=60000.0]

-----seting and geting values of Student using set and get methods-----

-----STUDENT Information using set and get methods-----

NAME :XYZ

ADDRESS : BZA

PROGRAM :M.Tech

YEAR :1

FEES :50000.0

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