

Experiment No : 3

PRN : 22UAI021

Title: Create a class called Employee that includes three pieces of information as instance

variables- first name, a last name and a monthly salary. Your class should have a

constructor that initializes the three instance variables. Provide a set and a get method for

each instance variable. If the monthly salary is not positive, set it to 0.0. Write a test

application named EmployeeTest that demonstrates class Employee's capabilities. Create

two Employee objects and display each object's yearly salary. Then give each Employee a

10% raise and display each Employee's yearly salary again.

Program:

```
import java.util.*;
class Employee
{
    public String F_name;
    public String L_name;
    public Double M_sal;
    public String f1;
    public String f2;
    public Double f3;
    public Double Y_sal;
    public Double Total_sal;

    public Employee(String s1,String s2,Double s3)
    {
        F_name = s1;
        L_name = s2;
        M_sal = s3;
    }
    public void setfname(String f1)
    {
```

```

        F_name = f1;
    }
    public void setlname(String f2)
    {

        L_name = f2;
    }
    public void setmsal(Double f3)
    {

        M_sal = f3;
    }
    public String getfname()
    {
        return F_name;
    }
    public String getlname()
    {
        return L_name;
    }
    public Double getmsal()
    {
        return M_sal;
    }

    public Double raise()
    {
        Y_sal = M_sal*12;
        Total_sal = Y_sal +Y_sal* 0.1;
        return Total_sal;
    }
}
class Test
{
    public static void main(String[]args)
    {
        Employee e1 = new Employee("Ankita","Dhagate",50000.0);
        Employee e2 = new Employee("Sanika","Patil",20000.0);

        Scanner sc = new Scanner(System.in);
        System.out.println("New F_name : ");
        String s1 = sc.next();
        e1.setfname(s1);
    }
}

```

```

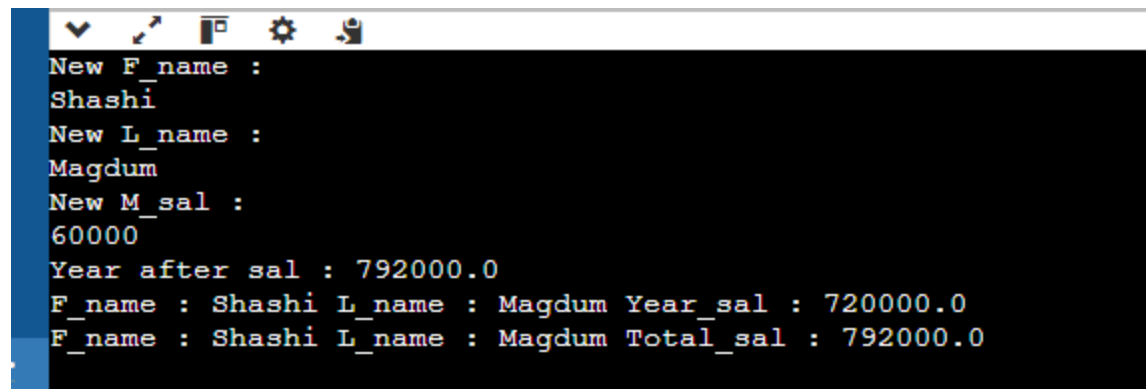
        System.out.println("New L_name : ");
        String s2 = sc.next();
        e1.setlname(s2);
        System.out.println("New M_sal : ");
        Double s3 =sc.nextDouble();
        e1.setmsal(s3);

        e1.getfname();
        e1.getlname();
        e1.getmsal();
        double ys= e1.raise();
        System.out.println("Year after sal : "+ys);
        System.out.println("F_name : "+e1.getfname() +" "+"L_name : "
+e1.getlname() +" "+"Year_sal : " +e1.getmsal()*12);
        System.out.println("F_name : "+e1.getfname() +" "+"L_name : "
+e1.getlname() +" "+"Total_sal : " + ys);

    }
}

```

OUTPUT:



```

New F_name :
Shashi
New L_name :
Magdum
New M_sal :
60000
Year after sal : 792000.0
F_name : Shashi L_name : Magdum Year_sal : 720000.0
F_name : Shashi L_name : Magdum Total_sal : 792000.0

```