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import java.util.Scanner;
class Employee
{
    String ename,addr,mailid,eid,mobno;
    double BP,GP,NP,DA,HRA,PF,CF;
    Scanner s=new Scanner(System.in);
    Employee()
    {
        System.out.println("Enter employee name:");
        ename=s.nextLine();
        System.out.println("Enter employee address:");
        addr=s.nextLine();
        System.out.println("Enter employee ID:");
        eid=s.nextLine();
        System.out.println("Enter employee mobile no:");
        mobno=s.nextLine();
        System.out.println("Enter employee mail id:");
        mailid=s.nextLine();
    }
    void display()
    {
        System.out.println("employee name:"+ename);
        System.out.println("employee address:"+addr);
        System.out.println("employee ID:"+eid);
        System.out.println("employee mobile no:"+mobno);
        System.out.println("employee mail id:"+mailid);
        DA=BP*0.97;
        HRA=BP*0.10;
        PF=BP*0.12;
        CF=BP*0.01;
        GP=BP+DA+HRA+PF;
        NP=GP-PF-CF;
        System.out.println("Basic pay:"+BP);
        System.out.println("Dearness Allowance:"+DA);
        System.out.println("House Rent Allowance:"+HRA);
        System.out.println("Professional fund:"+PF);
        System.out.println("Club fund:"+CF);
        System.out.println("Gross pay:"+GP);
        System.out.println("Net pay:"+NP);
    }
}

class Programmer extends Employee
{
    Programmer()
    {
        System.out.println("Enter basic pay of Programmer:");
        BP=s.nextFloat();
    }
    void display()
    {
        System.out.println("Programmer pay slip:");
        super.display();
    }
}

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    }
}

class Teamleader extends Employee
{
    Teamleader ()
    {
        System.out.println("Enter basic pay of Teamleader:");
        BP=s.nextFloat();
    }

    void display ()
    {
        System.out.println("Teamleader pay slip:");
        super.display();
    }
}

class ProjectManager extends Employee
{
    ProjectManager ()
    {
        System.out.println("Enter basic pay of ProjectManager:");
        BP=s.nextFloat();
    }

    void display ()
    {
        System.out.println(" ProjectManager pay slip:");
        super.display();
    }
}

class AssitManager extends Employee
{
    AssitManager ()
    {
        System.out.println("Enter basic pay of AssitManager :");
        BP=s.nextFloat();
    }

    void display ()
    {
        System.out.println(" AssitManager pay slip:");
        super.display();
    }
}

class Payslip
{
    public static void main (String [] args) {
        String pos;
        Scanner sc=new Scanner (System.in);
        System.out.println("enter the employee position:");
        pos=sc.nextLine();
        if pos.equals("programmer"))
        {
            Programmer p=new Programmer();
            p.display();
        }
        if pos.equals("teamleader"))
    }
}

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        Teamleader t=new Teamleader();
        t.display();
    }
    if pos equals "projectmanger")
    {
        ProjectManager m=new ProjectManager();
        m.display();
    }
    if pos equals "assitmaneger")
    {
        AssitManager a=new AssitManager ();
        a.display();
    }
}
}

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//output:

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/*
* enter the employee position:
programmer
1.Enter employee name:
vaibhav
Enter employee address:
a/p karmala ,solapur
Enter employee ID:
14
Enter employee mobile no:
7588137478
Enter employee mail id:
morev8917@gmail.com
Enter basic pay of Programmer:
150000
Programmer pay slip:
employee name:vaibhav
employee address:a/p karmala ,solapur
employee ID:14
employee mobile no:7588137478
employee mail id:morev8917@gmail.com
Basic pay:150000.0
Dearness Allowance:145500.0
House Rent Allowance:15000.0
Professional fund:18000.0
Club fund:1500.0
Gross pay:328500.0
Net pay:309000.0

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2.enter the employee position:
teamleader
Enter employee name:
prasad

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Enter employee address:

a/p baramati,pune

Enter employee ID:

13

Enter employee mobile no:

9960864307

Enter employee mail id:

prasad.salunke.it.2003@gmail.com

Enter basic pay of Teamleader:

300000

Teamleader pay slip:

employee name:prasad

employee address:a/p baramati,pune

employee ID:13

employee mobile no:9960864307

employee mail id:prasad.salunke.it.2003@gmail.com

Basic pay:300000.0

Dearness Allowance:291000.0

House Rent Allowance:30000.0

Professional fund:36000.0

Club fund:3000.0

Gross pay:657000.0

Net pay:618000.0

3.enter the employee position:

projectmanger

Enter employee name:

pratik

Enter employee address:

A/p kedgaon PUNE

Enter employee ID:

07

Enter employee mobile no:

7276073142

Enter employee mail id:

pratikshelke8383@gmail.com

Enter basic pay of ProjectManager:

5000000

ProjectManager pay slip:

employee name:pratik

employee address:A/p kedgaon PUNE

employee ID:07

employee mobile no:7276073142

employee mail id:pratikshelke8383@gmail.com

Basic pay:5000000.0

Dearness Allowance:4850000.0

House Rent Allowance:500000.0

Professional fund:600000.0

Club fund:50000.0

Gross pay:1.095E7

Net pay:1.03E7

4.enter the employee position:

assitmaneger

Enter employee name:

aditya

Enter employee address:

A/p katraj ,pune

Enter employee ID:

o8

Enter employee mobile no:

74637634788

Enter employee mail id:

aditya123@gmail.com

Enter basic pay of AssitManager :

6000000

AssitManager pay slip:

employee name:aditya

employee address:A/p katraj ,pune

employee ID:o8

employee mobile no:74637634788

employee mail id:aditya123@gmail.com

Basic pay:6000000.0

Dearness Allowance:5820000.0

House Rent Allowance:600000.0

Professional fund:720000.0

Club fund:60000.0

Gross pay:1.314E7

Net pay:1.236E7

*/