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import java.util.*;

class Employee{
    String Emp_name;
    int Emp_id;
    String Address;
    String Email_id;
    String Mobile_nos;
    double Basic_pay;

    Employee(String Emp_name,int Emp_id,String Address,String
Mail_id,String Mobile_nos,double Basic_pay){
        this.Emp_name= Emp_name;
        this.Emp_id=Emp_id;
        this.Address=Address;
        this.Email_id=Email_id;
        this.Mobile_nos=Mobile_nos;
        this.Basic_pay=Basic_pay;
    }

    double calculateGrossSalary(){
        double DA=0.97*Basic_pay;
        double HRA=0.1*Basic_pay;

        return DA+HRA+Basic_pay;
    }
    double deduction(){
        double PF=0.12*Basic_pay;
        double SF=0.001*Basic_pay;
        return PF+SF;
    }
    double netSalary(){
        return calculateGrossSalary()-deduction();
    }
    void pay_Slip(){
        System.out.println("Name of employee:"+Emp_name);
        System.out.println("Name of Emp_id:"+Emp_id);
        System.out.println("Name of Address:"+Address);
        System.out.println("Name of Email_id:"+Email_id);
        System.out.println("Name of Mobile_nos:"+Mobile_nos);
        System.out.println("Name of Basic_pay:"+Basic_pay);
        System.out.println("Name of
calculateGrossSalary:"+calculateGrossSalary());
        System.out.println("Name of netSalary:"+netSalary());
    }

}

class Programmer extends Employee{

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Programmer(String Emp_name,int Emp_id,String Address,String
MAil_id,String Mobile_nos,double Basic_pay){
    super( Emp_name,Emp_id, Address,MAil_id, Mobile_nos, Basic_pay);
}

}

class TeamLeader extends Employee{

    TeamLeader(String Emp_name,int Emp_id,String Address,String
MAil_id,String Mobile_nos,double Basic_pay){
        super( Emp_name,Emp_id, Address,MAil_id, Mobile_nos,
Basic_pay);
    }

}

class AssistantProjectManager extends Employee{

    AssistantProjectManager(String Emp_name,int Emp_id,String
Address,String MAil_id,String Mobile_nos,double Basic_pay){
        super( Emp_name,Emp_id, Address,MAil_id, Mobile_nos,
Basic_pay);
    }

}

class ProjectManager extends Employee{

    ProjectManager(String Emp_name,int Emp_id,String Address,String
MAil_id,String Mobile_nos,double Basic_pay){
        super( Emp_name,Emp_id, Address,MAil_id, Mobile_nos,
Basic_pay);
    }

}

class inheritancel {
    public static void main(String []args){
        Scanner sc=new Scanner(System.in);
        int choice=0;

        do{

System.out.println("1.programmer\n2.Teamleader:\n3.Assistant project
manger:\n4.project manger\n5.Exit");
        System.out.println("\nenter your choice:");
        choice=sc.nextInt();

        if(choice==5)break;

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        Programmer p=new
Programmer("kumar",123,"india","@123","8776954574",11111);
        TeamLeader t=new
TeamLeader("kumar",123,"india","@123","8766594574",11111);
        AssistantProjectManager a=new
AssistantProjectManager("kumar",123,"india","@123","8767954574",11111
);
        ProjectManager m=new
ProjectManager("kumar",123,"india","@123","8767694574",11111);
        switch (choice){

            case 1:
                p.pay_Slip();
                break;

            case 2:
                t.pay_Slip();
                break;

            case 3:
                a.pay_Slip();
                break;

            case 4:
                m.pay_Slip();
                break;
        }

        }while(choice!=5);

    }
}

```