emp.java

```
package employee;

/**
 *
 * @author firef
 */
import java.io.*;
import java.util.*;
public class emp {
   String emp_name,emp_id,emp_address,emp_mail_id,emp_mobile_no;
   int basic_pay;
   int curr_basic_pay;
   int da, hra, pf, gross_pay;
   int net_pay;
   void userdetail()
   {
      Scanner inp=new Scanner(System.in);
      System.out.println("Enter Employee Name :");
      emp_name=inp.next();
      System.out.println("Enter Employee ID :");
      emp_id=inp.next();
      System.out.println("Enter Address :");
      emp_address=inp.next();
      System.out.println("Enter mail-id :");
      emp_mail_id=inp.next();
      System.out.println("Enter Mobile NO:");
      emp_mobile_no=inp.next();


   }
```

```
}
```

programmer.java

```
package employee;

/**
 *
 * @author firef
 */
public class Programmer extends emp{
   public void programmers(){
      basic_pay=30000;
      if(basic_pay==-1){
      System.out.println("Default by Taken");
      }

   }

   void calculate()
   {
      da=(basic_pay/100)*97;
      hra=(basic_pay/100)*12;
      pf= (int)((basic_pay/100)*0.1);
      gross_pay=basic_pay+da+hra+pf;
      net_pay=gross_pay-pf;


    }
    void display() {
      System.out.println("Name: " + emp_name);
      System.out.println("ID: " + emp_id);
```

```
        System.out.println("Address: " + emp_address);
        System.out.println("MailID: " + emp_mail_id);
        System.out.println("Mobile No: " + emp_mobile_no);
        System.out.println("\nEarnings");
        System.out.println("--------");
        System.out.println("BASIC Pay: " +basic_pay + " Rs");
        System.out.println("DA : " + da + " Rs");
        System.out.println("HRA : " + hra + " Rs");
        System.out.println("\nDeductions");
        System.out.println("----------");
        System.out.println("PF : " + pf + " Rs");
        System.out.println("GROSS Pay: " + gross_pay + " Rs");
        System.out.println("NET Pay: " + net_pay + " Rs");
    }
 }

 Assistance professor.java
 package employee;

/**
 *
 * @author firef
 */
public class AssistantProfessor extends emp {
    public void AssistantProfessor(){
        basic_pay=25000;
        if(basic_pay==-1){
        System.out.println("Default by Taken");
        }

    }
```

```
  void calculate()
  {
     da=(basic_pay/100)*97;
     hra=(basic_pay/100)*12;
     pf= (int)((basic_pay/100)*0.1);
     gross_pay=basic_pay+da+hra+pf;
     net_pay=gross_pay-pf;


   }
   void display() {
     System.out.println("Name: " + emp_name);
     System.out.println("ID: " + emp_id);
     System.out.println("Address: " + emp_address);
     System.out.println("MailID: " + emp_mail_id);
     System.out.println("Mobile No: " + emp_mobile_no);
     System.out.println("\nEarnings");
     System.out.println("--------");
     System.out.println("BASIC Pay: " +basic_pay + " Rs");
     System.out.println("DA : " + da + " Rs");
     System.out.println("HRA : " + hra + " Rs");
     System.out.println("\nDeductions");
     System.out.println("----------");
     System.out.println("PF : " + pf + " Rs");
     System.out.println("GROSS Pay: " + gross_pay + " Rs");
     System.out.println("NET Pay: " + net_pay + " Rs");
   }
}
```

AssociateProfessor.java

```
package employee;

/**
 *
 * @author firef
 */
public class AssosiateProfessor extends emp{
   public void AssociateProfessor(){
      basic_pay=40000;
      if(basic_pay==-1){
      System.out.println("Default");
      }

   }

   void calculate()
   {
      da=(basic_pay/100)*97;
      hra=(basic_pay/100)*12;
      pf= (int)((basic_pay/100)*0.1);
      gross_pay=basic_pay+da+hra+pf;
      net_pay=gross_pay-pf;


    }
    void display() {
      System.out.println("Name: " + emp_name);
      System.out.println("ID: " + emp_id);
      System.out.println("Address: " + emp_address);
      System.out.println("MailID: " + emp_mail_id);
```

```
        System.out.println("Mobile No: " + emp_mobile_no);
        System.out.println("\nEarnings");
        System.out.println("--------");
        System.out.println("BASIC Pay: " +basic_pay + " Rs");
        System.out.println("DA : " + da + " Rs");
        System.out.println("HRA : " + hra + " Rs");
        System.out.println("\nDeductions");
        System.out.println("----------");
        System.out.println("PF : " + pf + " Rs");
        System.out.println("GROSS Pay: " + gross_pay + " Rs");
        System.out.println("NET Pay: " + net_pay + " Rs");
    }
}
```

professor.java

```
package employee;

/**
 *
 * @author firef
 */
public class Professor extends emp {
    public void professor(){
        basic_pay=70000;
        if(basic_pay==-1){
        System.out.println("Default");
        }

    }

    void calculate()
```

```
  {
     da=(basic_pay/100)*97;
     hra=(basic_pay/100)*12;
     pf= (int)((basic_pay/100)*0.1);
     gross_pay=basic_pay+da+hra+pf;
     net_pay=gross_pay-pf;


   }
   void display() {
     System.out.println("Name: " + emp_name);
     System.out.println("ID: " + emp_id);
     System.out.println("Address: " + emp_address);
     System.out.println("MailID: " + emp_mail_id);
     System.out.println("Mobile No: " + emp_mobile_no);
     System.out.println("\nEarnings");
     System.out.println("--------");
     System.out.println("BASIC Pay: " +basic_pay + " Rs");
     System.out.println("DA : " + da + " Rs");
     System.out.println("HRA : " + hra + " Rs");
     System.out.println("\nDeductions");
     System.out.println("----------");
     System.out.println("PF : " + pf + " Rs");
     System.out.println("GROSS Pay: " + gross_pay + " Rs");
     System.out.println("NET Pay: " + net_pay + " Rs");
  }
 }
```

emlpoyee.java

```
package employee;
```

```
/**
 *
 * @author firef
 */
import java.io.*;
import java.util.*;
public class Employee {

   /**
    * @param args the command line arguments
    */

   public static void main(String[] args) {
      // TODO code application logic here
      int n_choice=0;

      Scanner input=new Scanner(System.in);
      while(n_choice != 5)
      {
         System.out.println("\nEnter emlpyee Payroll");
         System.out.println("\n1.programmer\n2.Assistant Professor\n3.Assosiate
Professor\n4.Professor\n5.exit");
         n_choice=input.nextInt();
         switch(n_choice){
            case 1:
               emp ob=new emp();
               Programmer obj=new Programmer();
               obj.userdetail();
               obj.programmers();
               obj.calculate();
               obj.display();
```

```
            break;
        case 2:

            AssistantProfessor object=new AssistantProfessor();
            object.userdetail();
            object.AssistantProfessor();
            object.calculate();
            object.display();
            break;
        case 3:
            AssosiateProfessor ajith=new AssosiateProfessor();
            ajith.userdetail();
            ajith.AssociateProfessor();
            ajith.calculate();
            ajith.display();
            break;
        case 4:
            Professor balaji=new Professor();
            balaji.userdetail();
            balaji.professor();
            balaji.calculate();
            balaji.display();
            break;
        case 5:
            System.exit(0);


    }

}
```

```
}
```