Assignment 3

//Problem Statement::

/*

Design and develop inheritance for a given case study, identify objects and relationships and implement inheritance wherever applicable. Employee class has Emp_name, Emp_id, Address, Mail_id, and Mobile_no as members. Inherit the classes: Programmer, Team Lead, Assistant Project Manager and Project Manager from employee class. Add Basic Pay (BP) as the member of all the inherited classes . with 97% of BP as DA, 10 % of BP as HRA, 12% of BP as PF, 0.1% of BP for staff club fund. Generate pay slips for the employees with their gross and net salary

*/

```java
import java.util.*;
class Employee {
        Scanner sc= new Scanner(System.in);//Scanner class Object
        String emp_name;//declaration of Employee name
        String address;//declaration of address
        String mail_id;//declaration of mail id
        long mobile_no;//declaration of mobile no.
        int emp_id;//declaration of Employee ID
        double basic_pay;//declaration of basic pay
        static int id=10000;
        double net_salary,gross_salary;//declaration of net & gross Salary
        double hra,da,pf,staff_club_fund;//declaration of hra,da,pf,staff_club_fund

         Employee(){//Constructor for Employee
                id++;
        }

        void input() {
        System.out.print("Enter the name of Employee: ");
```

```java
        emp_name=sc.nextLine();//input Employee name

        System.out.print("Employee ID:  ");

        emp_id=sc.nextInt();//input Employee Employee ID

        emp_id=id;

        System.out.print("Enter Address:  ");

        address=sc.next();//input Employee address

        System.out.print("Enter Mobile No.:  ");

        mobile_no=sc.nextLong();//input Employee mobile no.

    }


    void display(){

            //display database for Employee


    System.out.println("*********************************************************
*****");

            System.out.println("EMP NAME\tID \tADDRESS\t\tMOBILE");


    System.out.println("*********************************************************
*****");
System.out.println(emp_name+"\t\t"+emp_id+"\t"+address+"\t\t"+mobile_no +"\n");

    }


    void salary(){

            da=basic_pay*.97;//calculating da

            hra=basic_pay*.10;//calculating hra

             pf=basic_pay*.12;//calculating pf

            staff_club_fund=basic_pay*0.001;//calculating staff_club_fund

            gross_salary=basic_pay + hra;//calculating gross salary


            int k=0;

            while(k<3) {                            //loop for bonus salary

                    System.out.println("  DOES DO YO HAVE DONE ANY EXTRA WORK \n\t1.
PATENT \n\t2. OTHER BENIFICIAL WORK \n\t3.NO  ");
```

```java
                System.out.print("Choice::");

                k=sc.nextInt();

                if (k==1) //if input is 1

                        gross_salary+=3000;

                else if(k==2)//if input is 2

                        gross_salary+=2000;

                else if(k==3)//if input is 3

                        break;

                else//if invaid choice

                        System.out.println("INVALID CHOICE.");

        }


        net_salary=gross_salary-pf-staff_club_fund;

        //calculating net salary


System.out.println("=========================================================
=====================");

        }


        void salary_slip() {

                //printing salary slip of Employee


System.out.println("*****************************************************
*****");

                System.out.println(" BASIC  PAY                    :         "+basic_pay);

                System.out.println(" HRA                           :         "+hra);

                System.out.println(" PF                            :     "+pf);

                System.out.println(" GROSS SALARY        :         "+gross_salary);

                System.out.println(" NET SALARY                    :         "+ net_salary);


System.out.println("*****************************************************
*****");

        }
```

```java
}




//********************* CLASS PROGRAMMER *********************//


class Programmer extends Employee{
//inheriting Employee class in Programmer class
            void read_programmer() {
                        //input data from user for Programmer
                        input();
                        boolean a=false;
                        while(a==false) {
                        System.out.print("BASIC PAY[30000-40000]: ");
                        basic_pay=sc.nextDouble();
                        if(basic_pay>40000 || basic_pay<30000) {
                                    //validation for basic_pay of Programmer
                                    System.out.println("SORRY!!!!!! BASIC  PAY FOR PROGRAMMER
MUST BETWEEN  [30000 - 40000]  \nTRY AGAIN.....");
                                    a=false;
                        }
                        else
                                    a=true;
            }


        System.out.println("===================================================================
=====================");
            }


            static void search(Programmer arr[],int key,int n) {
```

```java
                        //search for programmer in database

                        for(int i=0;i<n;i++) {

                                if (arr[i].emp_id==key) {

                                        System.out.println("     EMPLOYEE  FOUND ");

                                        //if Programmer found in database

                                        arr[i].display();//dispay database for programmer

                                        arr[i].salary_slip();//printing salary slip

                                }

                                else {

                                        System.out.println(" EMPLOYEEE   WITH  ID  "+ key +"  NOT
FOUND IN  PROGRAMMERS ");

                                }

                        }

                }

        }




//********************** CLASS TEAMLEAD **********************//


class Teamlead extends Employee{
//inheriting Employee class in Teamlead class

        void read_teamlead() {

                //input data from user for Teamlead

                input();

                boolean a=false;

                while(a==false) {

                System.out.print("BASIC  PAY  [40000 - 50000] : ");

                basic_pay=sc.nextDouble();

                if(basic_pay>50000 || basic_pay<40000) {

                        //validation for basic pay of Teamlead

                        System.out.println("SORRY!!!!!! BASIC  PAY FOR TEAMLEAD  MUST
BETWEEN  [40000 - 50000] \nTRY AGAIN.....");
```

```java
                                a=false;
                }
                else
                                a=true;
        }


        System.out.println("=========================================================
====================");
        }


                static void search(Teamlead arr[],int key,int n) {
                        //searching for teamlead in database
                        for(int i=0;i<n;i++) {
                                if (arr[i].emp_id==key) {
                                        System.out.println("    EMPLOYEE  FOUND ");
                                        //if teamlead found in database
                                        arr[i].display();//dispay database for Teamlead
                                        arr[i].salary_slip();//printing salary slip
                                }
                                else {
                                        //if teamlead is not found in database
                                        System.out.println(" EMPLOYEEE  WITH  ID "+ key +"  NOT
FOUND IN  TEAMLEAD ");
                                }
                        }
                }
        }


//********************* CLASS aSST_PRO_MANAGER *********************//


class Asst_pro_manager extends Employee{
//inheriting Employee class in Asst_pro_manager class
```

```java
void read_Asst_pro_manager() {

    //input data from user for Asst_pro_manager

    input();

    boolean a=false;

    while(a==false) {

    System.out.print("BASIC  PAY  [50000 - 60000] : ");

    basic_pay=sc.nextDouble();

    if(basic_pay>60000 || basic_pay<50000) {

            //validation for basic pay of Asst_pro_manager

            System.out.println("SORRY!!!!!! BASIC  PAY FOR TEAMLEAD  MUST
BETWEEN  [50000 - 60000] \nTRY AGAIN.....");

            a=false;

    }

    else

            a=true;

    }


    System.out.println("=============================================================
=====================");

}

    static void search(Asst_pro_manager arr[],int key,int n) {

        //searching for Asst_pro_manager in database

        for(int i=0;i<n;i++) {

            if (arr[i].emp_id==key) {

                System.out.println("    EMPLOYEE  FOUND ");

                //if Asst_pro_manager found in database

                arr[i].display();//dispay database for Asst_pro_manager

                arr[i].salary_slip();//printing salary slip

            }

            else {

                //if Asst_pro_manager is not found in database
```

```java
                                    System.out.println(" EMPLOYEEE  WITH  ID "+ key +"  NOT
FOUND IN  TEAMLEAD  ");

                            }

                    }

            }

    }


//********************* CLASS PRO_MANAGER *********************//


class Pro_manager extends Employee{

    void read_Pro_manager() {

            //input data from user for Pro_manager

                    input();

                    boolean a=false;

                    while(a==false) {

                    System.out.print("BASIC  PAY  [60000 - 70000] : ");

                    basic_pay=sc.nextDouble();

                    if(basic_pay>70000 || basic_pay<60000) {

                            //validation for basic pay of pro_manager

                            System.out.println("SORRY!!!!!! BASIC  PAY FOR TEAMLEAD  MUST
BETWEEN  [60000 - 70000] \nTRY AGAIN.....");

                            a=false;

                    }

                    else

                            a=true;

                    }


    System.out.println("=========================================================
=====================");

    }


            static void search(Pro_manager arr,int key) {
```

```java
                //searching for pro_manager in database

                if (arr.emp_id==key) {

                        System.out.println("     EMPLOYEE  FOUND ");

                        //if pro_manager found in database

                        arr.display();//dispay database for Pro_manager

                        arr.salary_slip();//printing salary slip

                }

                else {

                        //if pro_manager is not found in database

                        System.out.println(" EMPLOYEEE  WITH  ID  "+ key +"  NOT FOUND
IN  TEAMLEAD ");

                }

        }

}


//********************* CLASS MAIN *********************//


public class Main {

        public static void main(String[] args) {

                Scanner sc=new Scanner(System.in);

                Programmer p[]=new Programmer[3];

                //array of obj for Programmer

                Teamlead t[]=new Teamlead[3];

                //array of obj for Teamlead

                Asst_pro_manager a[]=new Asst_pro_manager[2];

                //array of obj for Asst_pro_manager

                Pro_manager m=new Pro_manager();

                //array of obj for Pro_manager

                aa:

                do {

                        //menu driven program
```

```java
System.out.println("==========================================================
====================");
System.out.println(" MAIN  MENU  \n\n1.PROGRAMMER \n2.TEAM
LEAD \n3.ASSISTANT PROJECT MANAGER \n4.PROJECT MANAGER \n5.EMPLOYEE SEARCH
\n6.EXIT");
System.out.print("Choice::");
int k=sc.nextInt();//input choice from user

System.out.println("==========================================================
====================");
int op;
int assign1=0,assign2=0,assign3=0,assign4=0;
//variable to check memory is allocated or not for each class
switch(k) {

case 1://if input from user is 1
        do {
                System.out.print("\tPROGRAMMER  MENU
.....\n\t1. INPUT \n\t2. DISPLAY  \n\t3. EXIT FROM PROGRAMMER \n\tChoice::");
                op=sc.nextInt();
                //input choice from user

System.out.println("==========================================================
====================");
                if(op==1)//if input from user is 1
                {
                        assign1=6;
                        for (int i=0;i<3;i++) {
                                p[i]=new Programmer();
                                //creating object of Programmer
                                p[i].read_programmer();
                                //taking input for Programmer
                                p[i].salary();
```

```java
                                //printing salary of Programmer
                        }
                }
                else if(op==2  && assign1==6)
                {
                        for (int i=0;i<3;i++) {
                                p[i].display();
                        //display database for programmer
                                p[i].salary_slip();
                        //printing salary slip of Programmer
                        }
                }
                else if(op==2 && assign1!=6)
                        System.out.println(" MEMORY  NOT
ALLOCATED  TO  PROGRAMMERS  DETAIL  YET... ");


        System.out.println("====================================================
======================================");
                        }while(op!=3);
                        break;


                case 2://if input from user is 2
                        do {
                                System.out.print("\tTEAMLEAD  MENU .....\n\t1.
INPUT \n\t2. DISPLAY  \n\t3. EXIT FROM TEAMLEAD SECTION  \n\tChoice::");
                                op=sc.nextInt();


        System.out.println("====================================================
======================================");
                                if(op==1)
                                {
                                        assign2=4;
```

```java
                                    for (int i=0;i<3;i++) {
                                            t[i]=new Teamlead();
                                            //creating object of teamlead
                                            t[i].read_teamlead();
                                            //taking input for teamlead
                                            t[i].salary();
                                            //printing salary of teamlead
                                    }
                            }
                            else if(op==2 && assign2==4)
                            {
                                    for (int i=0;i<3;i++) {
                                            t[i].display();
                                            //display database for teamlead
                                            t[i].salary_slip();
                                            //printing salary slip of teamlead
                                    }
                            }
                            else if(op==2 && assign1!=6)
                                    System.out.println(" MEMORY NOT
ALLOCATED TO TEAMLEADS DETAIL YET... ");

    System.out.println("============================================================
=====================================");
                            }while(op!=3);
                            break;


                    case 3://if input from user is 3
                            do {
                                    System.out.print("\tASSISTANT MANAGER MENU
.....\n\t1. INPUT \n\t2. DISPLAY \n\t3. EXIT FROM  ASSISTANT MANAGER \n\tChoice::");
                                    op=sc.nextInt();
```

```java
		System.out.println("==========================================================
=====================================");
						if(op==1)
						{
								assign3=2;
								for (int i=0;i<2;i++) {
										a[i]=new Asst_pro_manager();
								//creating object of Assistant_Manager
										a[i].read_Asst_pro_manager();
								//taking input for Assistant_Manager
										a[i].salary();
								//printing salary of Assistant_Manager
										}
						}
						else if(op==2 && assign3==2)
						{
								for (int i=0;i<2;i++) {
										a[i].display();
								//display database for Assistant_Manager
										a[i].salary_slip();
								//printing salary slip of Assistant_Manager
										}
						}
						else if(op==2 && assign1!=6)
								System.out.println(" MEMORY NOT
ALLOCATED TO PROGRAMMERS DETAIL YET... ");

		System.out.println("==========================================================
=====================================");
						}while(op!=3);
						break;
```

```java
			case 4://if input from user is 4
				do {
					System.out.print("\tPROJECT MANAGER MENU
.....\n\t1. INPUT \n\t2. DISPLAY  \n\t3. EXIT FROM  PROJECT  MANAGER  SECTION \n\tChoice::");
					op=sc.nextInt();

		System.out.println("=========================================================
====================================");
					if(op==1)
					{
							assign4=1;
							m.read_Pro_manager();
						//taking input for Project_Manager
							m.salary();
						//printing salary of Project_Manager
					}
					else if(op==2 && assign4==1)
					{
							m.display();
						//display database for Project_Manager
							m.salary_slip();
						//printing salary slip of Project_Manager
					}
					else if(op==2 && assign1!=6) System.out.println("
MEMORY  NOT  ALLOCATED  TO  PROGRAMMERS  DETAIL  YET... ");

		System.out.println("=========================================================
====================================");
				}while(op!=3);
				break;

			case 5://if input from user is 5
				String des;
```

```java
        int key;
        System.out.print("ENTER THE DISIGNATION OF EMPLOYEE YOU WANT TO SEARCH : ");
        des=sc.next();
        //taking input from user
        System.out.print("Enter Emplyee ID:");
        key=sc.nextInt();
        //taking Emplyee ID from user
        if(des.toLowerCase().equals("programmer"))
        {
                //searching for programmer in database
                Programmer.search(p,key,6);
        }
        else if(des.toLowerCase().equals("teamlead"))
        {
                //searching for teamlead in database
                Teamlead.search(t, key, 4);
        }
        else if(des.toLowerCase().equals("assistant"))
        {
                //searching for assistant in database
                Asst_pro_manager.search(a, key, 2);
        }
        else if(des.toLowerCase().equals("manager"))
        {
                //searching for manager in database
                Pro_manager.search(m, key);


        }
        else {
                //if invalid input
```

```java
                                    System.out.println("INVALID INPUT");
                        }

        System.out.println("================================================================
=====================================");
                            break;


                    case 6://if input from user is 6
                            System.out.print("Would you like to
Exit\n\t1.YES\n\t2.No\n\tChoice::");

                            int temp=sc.nextInt();

                            if(temp==1)//checking for breaking loop

                                    break aa;//breaking menu bar


                    default://default

                            System.out.println("   INVALID   ");
                    }


            }while(true);
            sc.close();//closing scanner class object
        }
}



//****************************************************************//




/*



## Output ##
```

==

MAIN MENU

1.PROGRAMMER

2.TEAM LEAD

3.ASSISTANT PROJECT MANAGER

4.PROJECT MANAGER

5.EMPLOYEE SEARCH

6.EXIT

Choice::1

==

PROGRAMMER MENU .....

1. INPUT

2. DISPLAY

3. EXIT FROM PROGRAMMER

Choice::1

==

Enter the name of Employee: Vaibhav

Employee ID: 1

Enter Address: Jalgaon

Enter Mobile No.: 8657575665

BASIC PAY[30000-40000]: 35241

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

1. PATENT

2. OTHER BENIFICIAL WORK

3.NO

Choice::1

 DOES DO YO HAVE DONE ANY EXTRA WORK

1. PATENT

2. OTHER BENIFICIAL WORK

3.NO

Choice::3

==

Enter the name of Employee: Om

Employee ID: 45

Enter Address: pune

Enter Mobile No.: 8657421535

BASIC PAY[30000-40000]: 65241

SORRY!!!!!! BASIC PAY FOR PROGRAMMER MUST BETWEEN [30000 - 40000]

TRY AGAIN.....

BASIC PAY[30000-40000]: 36589

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

        1. PATENT

        2. OTHER BENIFICIAL WORK

        3.NO

Choice::3

==

Enter the name of Employee: Yash

Employee ID: 45

Enter Address: Yeola

Enter Mobile No.: 9856321475

BASIC PAY[30000-40000]: 35000

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

        1. PATENT

        2. OTHER BENIFICIAL WORK

        3.NO

Choice::3

==

==
================

      PROGRAMMER MENU .....

      1. INPUT

      2. DISPLAY

      3. EXIT FROM PROGRAMMER

      Choice::2

==

****

EMP NAME   ID   ADDRESS   MOBILE

****

Vaibhav   10002 Jalgaon   8657575665

****

BASIC   PAY   :   35241.0

HRA   :   3524.1000000000004

PF   :   4228.92

GROSS SALARY :   41765.1

NET SALARY   :   37500.939

****

****

EMP NAME   ID   ADDRESS   MOBILE

****

Om   10003 pune   8657421535

****

BASIC   PAY   :   36589.0

HRA   :   3658.9

PF   :   4390.68

GROSS SALARY :   40247.9

NET SALARY   :   35820.631

```
****************************************************************

****************************************************************

EMP NAME      ID      ADDRESS            MOBILE

****************************************************************

Yash          10004  Yeola          9856321475


****************************************************************

BASIC  PAY            :        35000.0

HRA                   :        3500.0

PF                    :        4200.0

GROSS SALARY  :        38500.0

NET SALARY            :        34265.0

****************************************************************

================================================================================
================

        PROGRAMMER  MENU .....

        1. INPUT

        2. DISPLAY

        3. EXIT FROM PROGRAMMER

        Choice::3

================================================================================

================================================================================
================

================================================================================

MAIN  MENU


1.PROGRAMMER

2.TEAM LEAD

3.ASSISTANT PROJECT MANAGER

4.PROJECT MANAGER

5.EMPLOYEE SEARCH

6.EXIT
```

Choice::2

==

       TEAMLEAD MENU .....

       1. INPUT

       2. DISPLAY

       3. EXIT FROM TEAMLEAD SECTION

       Choice::1

==

================

Enter the name of Employee: Rahul

Employee ID: 42

Enter Address: Parola

Enter Mobile No.: 9856741235

BASIC   PAY [40000 - 50000] : 45236

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

       1. PATENT

       2. OTHER BENIFICIAL WORK

       3.NO

Choice::1

 DOES DO YO HAVE DONE ANY EXTRA WORK

       1. PATENT

       2. OTHER BENIFICIAL WORK

       3.NO

Choice::2

 DOES DO YO HAVE DONE ANY EXTRA WORK

       1. PATENT

       2. OTHER BENIFICIAL WORK

       3.NO

Choice::3

==

Enter the name of Employee: Harsh

Employee ID: 36

Enter Address: Satara

Enter Mobile No.: 8695741253

BASIC   PAY [40000 - 50000] : 53241

SORRY!!!!!! BASIC PAY FOR TEAMLEAD MUST BETWEEN [40000 - 50000]

TRY AGAIN.....

BASIC   PAY [40000 - 50000] : 45263

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

        1. PATENT

        2. OTHER BENIFICIAL WORK

        3.NO

Choice::3

==

Enter the name of Employee: Bhushan

Employee ID: 56

Enter Address: Pimpri

Enter Mobile No.: 9786541236

BASIC   PAY [40000 - 50000] : 45260

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

        1. PATENT

        2. OTHER BENIFICIAL WORK

        3.NO

Choice::3

==

==
================

        TEAMLEAD MENU .....

        1. INPUT

2. DISPLAY

3. EXIT FROM TEAMLEAD SECTION

Choice::2

==

****

EMP NAME   ID   ADDRESS   MOBILE

****

Rahul   10005 Parola   9856741235

****

BASIC   PAY   :   45236.0

HRA   :   4523.6

PF   :   5428.32

GROSS SALARY :   54759.6

NET SALARY   :   49286.044

****

****

EMP NAME   ID   ADDRESS   MOBILE

****

Harsh   10006 Satara   8695741253

****

BASIC   PAY   :   45263.0

HRA   :   4526.3

PF   :   5431.5599999999995

GROSS SALARY :   49789.3

NET SALARY   :   44312.477000000006

****

****

EMP NAME   ID   ADDRESS   MOBILE

```
************************************************************

Bhushan             10007  Pimpri          9786541236


************************************************************

BASIC  PAY           :      45260.0

HRA                  :      4526.0

PF                   :      5431.2

GROSS SALARY  :      49786.0

NET SALARY           :      44309.54

************************************************************

================================================================================
================

        TEAMLEAD  MENU .....

        1. INPUT

        2. DISPLAY

        3. EXIT FROM TEAMLEAD SECTION

        Choice::3

================================================================================
================

================================================================================
================

================================================================================

MAIN  MENU


1.PROGRAMMER

2.TEAM LEAD

3.ASSISTANT PROJECT MANAGER

4.PROJECT MANAGER

5.EMPLOYEE SEARCH

6.EXIT

Choice::3

================================================================================
```

ASSISTANT MANAGER MENU .....

1. INPUT

2. DISPLAY

3. EXIT FROM ASSISTANT MANAGER

Choice::1

===

Enter the name of Employee: Priya

Employee ID: 47

Enter Address: Nanded

Enter Mobile No.: 8695321479

BASIC   PAY [50000 - 60000] : 57421

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

1. PATENT

2. OTHER BENIFICIAL WORK

3.NO

Choice::1

 DOES DO YO HAVE DONE ANY EXTRA WORK

1. PATENT

2. OTHER BENIFICIAL WORK

3.NO

Choice::2

 DOES DO YO HAVE DONE ANY EXTRA WORK

1. PATENT

2. OTHER BENIFICIAL WORK

3.NO

Choice::3

==

Enter the name of Employee: Sneha

Employee ID: 32

Enter Address: Jalgaon

Enter Mobile No.: 9258746315

BASIC   PAY [50000 - 60000] : 63524

SORRY!!!!!! BASIC PAY FOR TEAMLEAD MUST BETWEEN [50000 - 60000]

TRY AGAIN.....

BASIC   PAY [50000 - 60000] : 56382

==

 DOES DO YO HAVE DONE ANY EXTRA WORK

        1. PATENT

        2. OTHER BENIFICIAL WORK

        3.NO

Choice::3

==

==

===============

        ASSISTANT MANAGER MENU .....

        1. INPUT

        2. DISPLAY

        3. EXIT FROM ASSISTANT MANAGER

        Choice::2

==

===============

****

EMP NAME   ID   ADDRESS   MOBILE

****

Priya   10008 Nanded   8695321479

****

BASIC   PAY   :   57421.0

HRA   :   5742.1

PF   :   6890.5199999999995

GROSS SALARY :   68163.1

NET SALARY   :   61215.15900000001

****

****

EMP NAME   ID   ADDRESS   MOBILE

****

Sneha   10009 Jalgaon   9258746315

****

BASIC   PAY   :   56382.0

HRA   :   5638.200000000001

PF   :   6765.84

GROSS SALARY :   62020.2

NET SALARY   :   55197.978

****

==
===============

        ASSISTANT MANAGER MENU .....

        1. INPUT

        2. DISPLAY

        3. EXIT FROM ASSISTANT MANAGER

        Choice::3

==
===============

==
===============

==

MAIN MENU

1.PROGRAMMER

2.TEAM LEAD

3.ASSISTANT PROJECT MANAGER

4.PROJECT MANAGER

5.EMPLOYEE SEARCH

6.EXIT

Choice::4

===

       PROJECT MANAGER MENU .....

       1. INPUT

       2. DISPLAY

       3. EXIT FROM PROJECT MANAGER SECTION

       Choice::1

===
================

Enter the name of Employee: Vivek

Employee ID: 53

Enter Address: Pune

Enter Mobile No.: 8357426935

BASIC   PAY [60000 - 70000] : 68532

===

 DOES DO YO HAVE DONE ANY EXTRA WORK

       1. PATENT

       2. OTHER BENIFICIAL WORK

       3.NO

Choice::1

 DOES DO YO HAVE DONE ANY EXTRA WORK

       1. PATENT

       2. OTHER BENIFICIAL WORK

       3.NO

Choice::2

 DOES DO YO HAVE DONE ANY EXTRA WORK

       1. PATENT

       2. OTHER BENIFICIAL WORK

       3.NO

Choice::3

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     PROJECT MANAGER MENU .....

     1. INPUT

     2. DISPLAY

     3. EXIT FROM PROJECT MANAGER SECTION

     Choice::2

==
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****

EMP NAME   ID   ADDRESS   MOBILE

****

Vivek   10009 Pune   8357426935

****

BASIC   PAY   :   68532.0

HRA   :   6853.200000000001

PF   :   8223.84

GROSS SALARY :   80385.2

NET SALARY   :   72092.828

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     PROJECT MANAGER MENU .....

     1. INPUT

     2. DISPLAY

     3. EXIT FROM PROJECT MANAGER SECTION

     Choice::3

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================================================================================
MAIN  MENU

1.PROGRAMMER

2.TEAM LEAD

3.ASSISTANT PROJECT MANAGER

4.PROJECT MANAGER

5.EMPLOYEE SEARCH

6.EXIT

Choice::5

================================================================================
ENTER  THE  DISIGNATION  OF  EMPLOYEE  YOU  WANT  TO  SEARCH : programmer

Enter Emplyee ID:10002

    EMPLOYEE  FOUND

************************************************************
EMP NAME    ID     ADDRESS            MOBILE
************************************************************
Vaibhav       10002  Jalgaon        8657575665


************************************************************
BASIC  PAY          :       35241.0

HRA                 :       3524.1000000000004

PF                  :       4228.92

GROSS SALARY  :       41765.1

NET SALARY          :       37500.939
************************************************************
EMPLOYEEE  WITH  ID  10002  NOT FOUND IN  PROGRAMMERS

EMPLOYEEE  WITH  ID  10002  NOT FOUND IN  PROGRAMMERS

================================================================================
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MAIN MENU

1.PROGRAMMER

2.TEAM LEAD

3.ASSISTANT PROJECT MANAGER

4.PROJECT MANAGER

5.EMPLOYEE SEARCH

6.EXIT

Choice::5

==

ENTER THE DISIGNATION OF EMPLOYEE YOU WANT TO SEARCH : manager

Enter Emplyee ID:10009

   EMPLOYEE FOUND

****

EMP NAME   ID   ADDRESS   MOBILE

****

Vivek   10009 Pune   8357426935

****

BASIC PAY   :   68532.0

HRA   :   6853.200000000001

PF   :   8223.84

GROSS SALARY :   80385.2

NET SALARY   :   72092.828

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MAIN MENU

1.PROGRAMMER

2.TEAM LEAD

3.ASSISTANT PROJECT MANAGER

4.PROJECT MANAGER

5.EMPLOYEE SEARCH

6.EXIT

Choice::6

==

Would you like to Exit

    1.YES

    2.No

    Choice::1

*/