

### Program -13

Aim:- To develop a Java program to read input (Employee name, & Employee no.) from keyboard & display it using a method.

```
import java.util.Scanner;
public class Emp
{
    int empno;
    String name;
    void getdata()
    {
        Scanner scan = new Scanner(System.in);
        System.out.println("In In Enter Employee name:");
        name = scan.nextLine();
        System.out.println('In In Enter Employee no:');
        empno = scan.nextInt();
    }
}
```

Void display()

{

System.out.println("Employee Name : " + name);

System.out.println("Employee No : " + empno);

}

public static void main (String args[])

{

Emp e = new Emp();

e.getdata();

System.out.println("Inln Employee Details");

System.out.println("Inln -----In");

e.display();

}

## Program - 14

Aim : To develop a java program to read input (faculty name & age) from keyboard & display it using a method.

```
import java.util.Scanner
```

```
public class Faculty
```

```
{
```

```
    String name;
```

```
    int age;
```

```
    void getdata()
```

```
{
```

```
    Scanner Scan=new Scanner(System.in)
```

```
    System.out.println("Enter the name of the Faculty:");
```

```
    name=Scan.nextLine();
```

```
    System.out.println("Enter the age:");
```

```
    age=Scan.nextInt();
```

```
>
```

```
void display()
{
    System.out.println("The name of the faculty is:  
" + fname);
    System.out.println("The page is:" + age);
}

public static void main(String args[])
{
    Faculty obj = new Faculty();
    obj.getdata();
    System.out.println("The faculty details are:");
    System.out.println("In -----");
    obj.display();
}
```

## Program - 15

Aim: To write a program to read employee details (empid, empname, TA, DA, HRA, TA, DA, Tax, basic) from console in getdata() and calculate net salary [net\_salary = (basic + TA + DA + HRA) - Tax] in calc() & display empid, empname, & net salary.

import java.util.Scanner;

Class Employee

{  
    int empid;

    String empname;

    double TA, DA, HRA, TA, basic;

    Void getdata()

{  
    Scanner Scan = new Scanner (System.in);

    System.out.println ("Enter employee id:");

    empid = Scan.nextInt();

    System.out.println ("Enter employee name:");

    empname = Scan.nextLine();

    double TA = Scan.nextDouble();

```

double DA = Scan.nextDouble();
double HRA = Scan.nextDouble();
double Tax = Scan.nextDouble();
double basic = Scan.nextDouble();

> // calculate net salary
void cal()
{
    net_salary = (IA + DA + HRA - Tax + basic) * TAX;
}

> // display the result
void display()
{
    System.out.println("The empid is "+empid);
    System.out.println("The name is "+empname);
    System.out.println("Net salary is : "+net_salary);
}

public static void main(String args[])
{
    Employee obj = new Employee();
    obj.getData();
    obj.cal();
    obj.display();
}

```

## Program - 16

Aim: To develop a java program to pass  
input (studentname & rollno) to constructor  
& display it using a method.

Class Student

```
{ int rollno;  
String name;  
Student (int r, String n) // constructor Student.  
{  
    rollno = r;  
    name = n;  
}  
void display ()  
{  
    System.out.println("Student Details");  
    System.out.println("-----");  
    System.out.println("Name: " + name);  
    System.out.println("Rollno: " + rollno);  
}
```

public class Computer

```
{ public static void main (String args[])
    {
        Student obj = new Student (11, "Aman");
        obj.display ();
    }
}
```

## Program - 17

Aim: To develop a java program to read input (Employee name & Employee no) to constructor & display it using a method.

Class Employee

Int Employee-no

String Employee-name

Employee ( Int n, String a )

Employee-no = n ;

Employee-name = a ;

}

Void display()

System.out.println("Student Details");

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

System.out.println("Employee-no : " + Employee-no)

System.out.println("Employee-name : " + Employee-name)

}

public class constructor Demo

1

public static void main (String args[])

2

Employee obj = new Employee ("H. Amal")

obj.display()

3

4

5

public class constructor Demo

<

public static void main (String args[])

<

Employee obj = new Employee (11, "Amal")

obj.display ()

>

>

&

## Program - 18

Aim: Define a class product with 'clerk' member, people, pname and mice. Create 3 objects of the class and find the product having lowest price.

### Program

class product

{ int people;

String pname;

double price;

double lowest;

product (int c; String n, double P)

{ people = c;

pname = n;

price = P;

}

```
void display()
{
    System.out.println("Code : " + pcode + " Name : " + pname +
                       " Price : " + price);
}

void find_lowest(double price1, double price2,
                  double price3)
{
    if (price1 <= price2 && price1 <= price3)
        System.out.println("Product 1 is of the
                           lowest price!");
    else if (price2 <= price1 && price2 <= price3)
        System.out.println("Product 2 is of the
                           lowest price!");
    else
        System.out.println("Product 3 is of the
                           lowest price!");
}
```

```
    }  
}  
  
public class Product_Demo  
{  
    public static void main (String [] args)  
    {  
        Product obj1 = new Product (101, "Product-1", 100.0);  
        Product obj2 = new Product (102, "Product-2", 128.50);  
        Product obj3 = new Product (103, "Product-3", 790.00);  
        System.out.println ("Product Information");  
        System.out.println ("-----");  
        System.out.println ("Product-Code || Product-Name ||  
                           Product-Price");  
  
        obj1.display();  
        obj2.display();  
        obj3.display();  
        obj1.FindLowest (obj1.price, obj2.price, obj3.price);  
    }  
}
```