

```

1 package labhtml;
2
3 public class Employee {
4     private String id;
5     private String name;
6     private double salary;
7     public void setdet(String a ,String b, double c) {
8         id=a;
9         name=b;
10        salary=c;
11    }
12    public String getname() {
13        return name;
14    }
15    public String getid() {
16        return id;
17    }
18    public String getsal() {
19        String s = String.format("%1$,10.2f", salary);
20        return s;
21    }
22 }
23 }
24

```

```

1 package labhtml;
2
3 public class Employee2 {
4
5     public static void main(String[] args) {
6         Employee e1=new Employee();
7         e1.setdet("Marin", "am.rtu.56489", 34589.4);
8         System.out.println(e1.getid());
9         System.out.println(e1.getname());
10        System.out.println(e1.getsal());
11    }
12 }
13
14 }
15

```

Problems Javadoc Declaration Console ×

<terminated> Employee2 [Java Application] C:\Users\charu\Downloads\eclipse-java-2024-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot

Marin
am.rtu.56489
34,589.40

```

Person2.java X
1 package SPC2;
2 import java.util.Scanner;
3 public class Person2 {
4
5     public static void main(String[] args) {
6         Person p1=new Person();
7         p1.setdet("Charu", 19, "India" );
8         System.out.println("name= "+p1.getname());
9         System.out.println("age= "+p1.getage());
10        System.out.println("country= "+p1.getcountry());
11    }
12
13
14 }
15

```

```

Person.java X
1 package SPC2;
2
3 public class Person {
4     private String name;
5     private int age;
6     private String country;
7     public void setdet (String a, int b, String c) {
8         name= a;
9         age= b;
10        country= c;
11    }
12    public String getname() {
13        return name;
14    }
15    public String getcountry(){
16        return country;
17    }
18    public int getage() {
19        return age;
20    }
21
22 }
23

```

Problems Javadoc Declaration Console X

terminated> Person2 [Java Application] C:\Program Files\Java\jdk-23\bin\javaw.exe (19 Feb 2025, 11:54:23 am – 11:54:24 am) [pid: 6936]

```

name= Charu
age= 19
country= India

```

Person2.java Rectangle.java X

```
1 package SPC2;
2
3 public class Rectangle {
4     private double length;
5     private double width;
6     void setdet(double a, double b) {
7         length=a;
8         width=b;
9     }
10    public double getlength() {
11        return length;
12    }
13    double getwidth() {
14        return width;
15    }
16    double getarea(){
17        return(length*width);
18    }
19    double getperi() {
20        return (2*(length+width));
21    }
22 }
```

Rectangle2.java X

```
1 package SPC2;
2
3 public class Rectangle2 {
4
5     public static void main(String[] args) {
6         Rectangle r1=new Rectangle();
7         r1.setdet(33.5, 42.8);
8         System.out.println("area= "+ r1.getarea());
9         System.out.println("Perimeter= "+ r1.getperi());
10        System.out.println("length= "+ r1.getlength());
11        System.out.println("width= "+ r1.getwidth());
12    }
13
14 }
15
```

Problems Javadoc Declaration Console X

<terminated> Rectangle2 [Java Application] C:\Program Files\Java\jdk-23\bin\javaw.exe (19 Feb 2025, 12:16:36 pm - 12:16:38 pm) [pid: 5592]

```
area= 1433.8
Perimeter= 152.6
length= 33.5
width= 42.8
```

```

1 package labhtml;
2
3 public class Circle {
4     private double radius;
5     public void setrad(double r){
6         radius=r;
7     }
8     public double getrad() {
9         return radius;
10    }
11    public double calculateArea() {
12        return (3.14*radius*radius);
13    }
14    public double calculatePerimeter() {
15        return (2*3.14*radius);
16    }
17 }
18

```

```

1 package labhtml;
2
3 public class Circle2 {
4
5     public static void main(String[] args) {
6         Circle c1=new Circle();
7         c1.setrad(3.2);
8         System.out.println("Area= "+c1.calculateArea());
9         System.out.println("Perimeter= "+c1.calculatePerimeter());
10    }
11
12 }
13

```

Problems Javadoc Declaration Console ×

<terminated> Circle2 [Java Application] C:\Users\charu\Downloads\eclipse-java-2024-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre

Area= 32.153600000000004

Perimeter= 20.096000000000004

```

1 package labhtml;
2
3 public class Smartphone2 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         Smartphone s1=new Smartphone();
8         s1.setdet("Samsung", "F15", 28.95);
9         System.out.println("Brand= "+s1.getbrand());
10        System.out.println("Model= "+s1.getmodel());
11        System.out.println("Current capacity= "+s1.getcap);
12        s1.increaseStorage(5);
13        System.out.println("New capacity= "+s1.getcap);
14    }
15
16
17

```

```

1 package labhtml;
2
3 public class Smartphone {
4     private String brand;
5     private String model;
6     private double storagecapacity;
7     public void setdet(String a, String b, double c) {
8         brand=a;
9         model=b;
10        storagecapacity=c;
11    }
12    public String getbrand() {
13        return brand;
14    }
15    public String getmodel() {
16        return model;
17    }
18    public double getcapacity() {
19        return storagecapacity;
20    }
21    public void increaseStorage(int i) {
22        storagecapacity+=i;
23    }
24
25 }
26

```

Problems Javadoc Declaration Console X

<terminated> Smartphone2 [Java Application] C:\Users\charu\Downloads\eclipse-java-2024-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre

```

Brand= Samsung
Model= F15
Current capacity= 28.95
New capacity= 33.95

```

```

1 package labhtml;
2
3 public class House2 {
4
5     public static void main(String[] args) {
6         House h1=new House();
7         h1.setdet("Amritapuri, Vindavan, Kollam",
8             System.out.println("address= "+h1.getadd())
9             System.out.println("Area= "+h1.getarea());
10            System.out.println("Number of rooms= "+h1.g
11            System.out.println("Price= "+h1.calculatePr
12
13     }
14
15 }
16

```

```

1 package labhtml;
2
3 public class House {
4     private String address;
5     private int numberOfRooms;
6     private double area;
7     public void setdet(String a, int b, double c) {
8         address=a;
9         numberOfRooms=b;
10        area=c;
11    }
12    public String getadd() {
13        return address;
14    }
15    public int getnumberofrooms() {
16        return numberOfRooms;
17    }
18    public double getarea() {
19        return area;
20    }
21    public double calculatePrice(double ppm) {
22        return (ppm*area);
23    }
24 }
25

```

Task List ×

Find

Outline ×

labhtml
 House2
 main(String[] args)

Problems Javadoc Declaration Console ×

<terminated> House2 [Java Application] C:\Users\charu\Downloads\eclipse-java-2024-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_21.0.5...
 address= Amritapuri, Vindavan, Kollam
 Area= 560.8
 Number of rooms= 8
 Price= 22560.983999999997



















