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1/*AIM:Write a program to find Area of Circle using constructor Overloading
5package pkg3;
6import java.util.Scanner;
7class AreaOf{
8    double r;
9    AreaOf(){
10        r=0;
11    }
12    AreaOf(double radius){
13        r=radius;
14    }
15    AreaOf(int radius){
16        r=radius;
17    }
18    void display() {
19        System.out.println("Area of Circle:"+(3.14*r*r));
20    }
21}
22public class CircleConstructorOverload {
23    public static void main(String[] args) {
24        System.out.println("~A PROJECT BY KASHISH GUPTA");
25        double r1;
26        int r2;
27        Scanner sc=new Scanner(System.in);
28        AreaOf a1=new AreaOf();
29        System.out.println("Enter radius 1:");
30        r1=sc.nextDouble();
31        AreaOf b1=new AreaOf(r1);
32        System.out.println("Enter radius 2:");
33        r2=sc.nextInt();
34        AreaOf c1=new AreaOf(r2);
35        System.out.println("Area of Circle-----Radius=0:");
36        a1.display();
37        System.out.println("Area of Circle-----Radius="+r1);
38        b1.display();
39        System.out.println("Area of Circle-----Radius="+r2);
40        c1.display();
41    }
42}
43
```