

```

1 //class circleDemo having members radius,area,perimeter
2 //accept radius,find area,find perimeter,display details
3
4 import java.util.Scanner;
5
6 class circleDemo{
7     double radius,area,perimeter;
8     void accept(int r){
9         radius = r;
10    }
11    double retarea(){
12        area = 3.14 * radius * radius;
13        return area;
14    }
15    double retperimeter(){
16        perimeter = 3.14 * 2 * radius;
17        return perimeter;
18    }
19    void display(){
20        double a,p;
21        a = retarea();
22        p = retperimeter();
23        System.out.print("Details - Radius: "+radius+" perimeter: "+a+" Area: "+p);
24    }
25
26    public static void main(String args[]){
27        Scanner sc = new Scanner(System.in);
28        int r;
29        circleDemo c = new circleDemo();
30        System.out.print("Enter the radius: ");
31        r = sc.nextInt();
32        c.accept(r);
33        c.display();
34    }
35 }

```

Output:

```

Process started (PID=29928) >>>
Enter the radius: 7
Details - Radius: 7.0 perimeter: 153.86 Area: 43.96<<< Process finished (PID=29928). (Exit code 0)
===== READY =====

```