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[NPTEL \(https://swayam.gov.in/explorer?ncCode=NPTEL\)](https://swayam.gov.in/explorer?ncCode=NPTEL) » **Programming in Java (course)**
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Course outline

How does an
NPTEL online
course work?

Week 0 :

Week 1 :

- Lecture 01 :
Introduction
(unit?
unit=2&lesson=15)
- Lecture 02 :
Java
Programming
Steps (unit?
unit=2&lesson=16)
- Lecture 03 :
Java Tools and
Resources

Java Week 1:Q1

Due on 2020-02-13, 23:59 IST

Complete the code segment **to find the perimeter and area of a circle given a value of radius**. You should use `Math.PI` constant in your program. If radius is zero or less than zero then print " please enter non zero positive number ".

Private Test cases

used for
evaluation

	Input	Expected Output	Actual Output	Status
Test Case 1	2.0	12.566370614359 172\n 12.5663706143591 72	12.5663706143591 72\n 12.5663706143591 72\n	Passed
Test Case 2	0	please enter non zero positive number	please enter non zero positive number\n	Passed

Due Date Exceeded.
2 out of 2 tests passed.
You scored 100.0/100.

Your last recorded submission was :

```

1 import java.util.Scanner;
2 public class Exercise1_1 {
3     public static void main(String[] args) {
4         Scanner s = new Scanner(System.in);
5         double radius= s.nextDouble();
6         double perimeter;
7         double area;
8     }

```

(unit?
unit=2&lesson=17)

● Lecture 04 :
Demonstration-
I (unit?
unit=2&lesson=18)

● Lecture 05 :
Java Applet
Programming
(unit?
unit=2&lesson=19)

● Quiz :
Assignment 1
(assessment?
name=93)

● **Java Week**
1:Q1
(/noc20_cs08/progass
name=101)

● Java Week
1:Q2
(/noc20_cs08/progassig
name=102)

● Java Week
1:Q3
(/noc20_cs08/progassignment?
name=103)

● Java Week
1:Q4
(/noc20_cs08/progassignment?
name=105)

● Java Week
1:Q5
(/noc20_cs08/progassignment?
name=106)

● Feedback For
Week 1 (unit?
unit=2&lesson=112)

Week 2 :

Week 3 :

Week 4 :

Week 5 :

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```

9  if(radius<=0){
10     System.out.println("please enter non zero positive number");
11 }
12 else{
13     perimeter=2*Math.PI*radius;
14     area=Math.PI*Math.pow(radius,2);
15     System.out.println(perimeter);
16     System.out.println(area);
17 }
18 }
19 }
20 }

```

Sample solutions (Provided by instructor)

Select the Language . Java ▼

```

1  import java.util.Scanner;
2  public class Exercise1_1 {
3      public static void main(String[] args) {
4          Scanner s = new Scanner(System.in);
5          double radius= s.nextDouble();
6          double perimeter;
7          double area;
8          if(radius<=0)
9          {
10             System.out.println("please enter non zero positive number ");
11         }
12         else
13         {
14             perimeter = 2 * Math.PI * radius;
15             area = Math.PI * radius * radius;
16             System.out.println(perimeter);
17             System.out.println(area);
18         }
19     }
20 }

```

**Assignment
Solution**