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sainaveen.in@gmail.com ▾

NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc20_cs08/preview) Ask a Question (forum)

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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

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 ".

 Select the Language for this assignment. Java ▾

 File name for this program : Exercise1_1.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         //Calculate the perimeter
9         //Calculate the area
10        if(radius<=0)
11            System.out.print("please enter non zero positive number");
12        else
13        {
14            perimeter=2*Math.PI*radius;
15            area=Math.PI*radius*radius;
16            System.out.println(perimeter);
17            System.out.print(area);
18        }

```

Steps (unit?
unit=2&lesson=16)

☐ Lecture 03 :
Java Tools
and
Resources
(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/progassignment?
name=101)**

☒ Java Week
1:Q2
(/noc20_cs08/progassignment?
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)

```
0 }
1 }
```

You may submit any number of times before the due date. The final submission will be considered for grading.

This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program , your assignment will not be graded and you will not see your score after the deadline.

Compile & Run

Submit

Reset

Save as Draft

Sample Test Cases

	Input	Output
Test Case 1	2.5	15.707963267948966 19.634954084936208
Test Case 2	-1	please enter non zero positive number