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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](https://swayam.gov.in/nd1_noc20_cs08/preview)) Ask a Question (forum)

Progress (student/home) Mentor (student/mentor)

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## Java Week 1:Q3

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

Consider first n even numbers starting from zero(0). Complete the code segment to calculate sum of all these numbers divisible by 3 . Print the sum.

 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

**Example:****Input: n = 5**
 -----  
**0 2 4 6 8**
**Even number divisible by 3:0 6****sum:6**
 Select the Language for this assignment. Java ▾

 File name for this program : Exercise1\_3.java

```

1 import java.util.Scanner;
2 public class Exercise1_3 {
3     public static void main(String[] args) {
4         Scanner sc = new Scanner(System.in);
5         int n=sc.nextInt();
6         int sum=0;
7
8         //Use for or while loop do the operation
9         for(int i=0;i<n*2;i=i+2)
10        {
11            if(i%3==0)
12                sum=sum+i;
13        }
14    }
15 }
```

```

Steps (unit?
unit=2&lesson=16)
12 }
13 System.out.print(sum);

```

☐ 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)

```

12 }
13 System.out.print(sum);

```

```

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	10	36