

Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Week 12 :

Solution

DOWNLOAD VIDEOS

Text Transcripts

Programming Test - (April 11 - 10AM - 12 PM)

• Java SET-I : Q1

• Java SET-I : Q2

• Java SET-I : Q3

• Java SET-I : Q4

• Java SET-I : Q5

Programming Test - (April 11 - 8PM - 10 PM)

Java SET-I : Q1

Due on 2021-04-11, 12:00 IST

The following program is intended to calculate *the sum of first 'n' even integer numbers excluding zero*. Write the appropriate statement to complete the program given below.

Note: Integer variable 'n' is already defined and initialized. You don't have to read the value of 'n'.

Private Test cases used for evaluation

Test Case 1

Input

200

Expected Output

40200

Actual Output

40200

Status

Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-12-12, 10:31 IST

Your last recorded submission was :

```
1 import java.util.Scanner;
2 public class Question1{
3     public static void main(String args[]){
4         int n;
5         Scanner sc = new Scanner(System.in);
6         n = sc.nextInt();
7         //write the code
8         int sum = 0;
9         for (int i=2; i<=2*n; i=i+2)
10        {
11            sum += i;
12        }
13        System.out.print(sum);
14    }
15 } // main() ends here
16 } // class Question1 ends here
```

Sample solutions (Provided by instructor)

```
1 import java.util.Scanner;
2 public class Question1{
3     public static void main(String args[]){
4         int n;
5         Scanner sc = new Scanner(System.in);
6         n = sc.nextInt();
7         int sum=0;
8         int i=1;
9         while(i>0){
10            if(n==0){break;}
11            if(i%2==0){
12                sum= sum+i;
13                n--;
14            }
15            i++;
16        }
17        System.out.print(sum);
18    } // main() ends here
19 } // class Question1 ends here
```