Java Week 1:Q3

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.

Example:

Input: n = 5

---------
0 2 4 6 8
Even number divisible by 3: 0 6
sum: 6

Sample Test Cases

<table>
<thead>
<tr>
<th>Test Case</th>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Case 1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Test Case 2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Test Case 3</td>
<td>10</td>
<td>36</td>
</tr>
</tbody>
</table>

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```java
import java.util.Scanner;

public class Exercise1_3 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n=sc.nextInt();
        int sum=0;
        int result=1;
        int i=0;
```
while(result<=n)
{
  if(i%2==0)
    
    
  
    if(i%3==0)
    
    
    sum=sum+i;
  
    
  
  result=result+1;
  
    
  
  
  i=i+1;
  
    
  
  
  System.out.println(sum);
Assignment Solution
Books
Live Interactive Session