



CHALLENGE INFORMATION

✔ You have already solved this challenge ! Though you can run the code with different logic !



Course	JAVA	Session	Methods	Question Information	Level 1 Challenge 51
Problem	<p>Question description</p> <p>Sean is an engineering graduate who received a call from the industry for an interview several months after graduation. So he was practicing the recursion method and he wants to test his skills on numbers.</p> <p>he found a set of numbers that has to be fed into a storage device where the sum of digits of numbers has to be found for memory management in the storage device.</p> <p>So the task to find the sum of digits in a number using functions.</p> <p>Constraints:</p> $1 \leq \text{num} \leq 1000$ <p>Input Format:</p> <p>A Integer input represents "num".</p> <p>Output Format:</p> <p>The sum of digits.</p>				

Test Cases

✓ Logical Test Cases

Test Case 1

INPUT (STDIN)

12345

EXPECTED OUTPUT

15

Test Case 2

INPUT (STDIN)

124421

EXPECTED OUTPUT

14

✓ Mandatory Test Cases

Test Case 1

KEYWORD

`public static int s(int n)`

Test Case 2

KEYWORD

`int r,sum=0;`

Test Case 3

KEYWORD

`return sum;`

Test Case 4

KEYWORD

`System.out.println(s(n));`

✓ Complexity Test Cases

Test Case 1

Test Case 2

Test Case 3

CYCLOMATIC COMPLEXITY

2

TOKEN COUNT

125

NLOC

24

**Code
Editor**

✓ You have already solved this challenge ! Though you can run the code with different logic !

**Code Editor**

JAVA SE 1.8

Light Theme

```
1  import java.util.Scanner;
2  public class Class332241010280 {
3      public static int s(int n) {
4          if (n == 0) {
5              return 0;
6          }
7          int sum = 0;
8          sum = n%10 + s(n/10);
9          return sum;
10     }
11     public static void main(String[] args) {
12         int r,sum=0;
13         Scanner sc = new Scanner(System.in);
14         int n = sc.nextInt();
15         System.out.println(s(n));
16     }
17 }
```

Custom Input (stdin)

T1

T2

Type Here

**Output**

MATCH T1

MATCH T2



Empty

Complexity Analysis**Test Case Status**