

LP_Practice_GetCodeThroughStrings

Ramya.V | 12 Feb 2023



Finish State: Normal

Test Taken on: February 12, 2023 12:59:39 PM IST



Ramya.V

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Overall Summary

40 Marks Scored
out of 40

100 % 100 percentile
out of 43213 Test Takers

2m46s Time taken
of 1hr 20mins

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



This shows the correctness of questions attempted by the test taker

Correct	1 Ques	40/40 Marks
Incorrect	0 Ques	0/0 Marks
Partially Correct	0 Ques	0/0 Marks
Not Attempted	0 Ques	0/0 Marks

Section-Wise Details

▼ Section 1 Program	question(s) 1 Q.	Time taken 2m 46s (Untimed)	Marks Scored 40 / 40
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Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).




■ Correct	1 Ques	40/40 Marks
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This shows the correctness of questions attempted by the test taker


Test Log

12th Feb 2023


- 12:56 PM




Started the test with Program
- 12:57 PM




Away from test window
- 12:58 PM




Away from test window
- 12:59 PM



Away from test window
- 12:59 PM



Away from test window
- 12:59 PM



Finished the test

About the Report

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1. Program

Question 1

Revisit Later

How to Attempt?

Get Code Through Strings - 1: Farah is one of the few associates in Global Safe Lockers Corp Limited, who has access to the company's exclusive locker that holds confidential information related to her division. The PIN to the locker gets changed every two days. Farah receives the PIN in the form of a string which she needs to decode to get the single-digit numeric PIN.

The numeric PIN can be obtained by adding the lengths of each word of the string to get the total length, and then continuously adding the digits of the total length till we get a single digit.

For example, if the string is "Wipro Technologies", the numeric PIN will be 8.

Explanation:

Length of the word "Wipro" = 5

Length of the word "Technologies" = 12

Let us add all the lengths to get the Total Length = 5 + 12 = 17

The Total Length = 17, which is not a single-digit, so now let us continuously add all digits till we get a single digit i.e. 1 + 7 = 8

Therefore, the single-digit numeric PIN = 8

Farah approaches you to write a program that would generate the single-digit numeric

Attempted: 1/1

JAVA7

Compiler: Java - 1.7

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7
8     public int getCodeThroughStrings(String input1){
9         // Read only region end
10        String word[]=input1.split(" ");
11        int sum=0;
12        for(int i=0;i<word.length;i++)
13        {
14            sum+=word[i].length();
15        }
16        return (1 + (sum-1) %9);
17    }}
```

☐ Use Custom Input

Compile and Test

Submit Code

1. Program

1

Attempted: 1/1

Question 1

🔖 Revisit Later

How to Attempt?

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Let us add all the lengths to get the Total Length = 5 + 12 = 17

The Total Length = 17, which is not a single-digit, so now let us continuously add all digits till we get a single digit i.e. $1 + 7 = 8$

Therefore, the single-digit numeric PIN = 8

Farah approaches you to write a program that would generate the single-digit numeric PIN if the string is input into the program. Help Farah by writing the function (method) that takes as input a string **input1** that represents the sentence, and returns the single-digit numeric PIN.

Assumptions: For this assignment, let us assume that the given string will always contain more than one word.

Let's see one more example -

✔ default2

⌚ CODE EXECUTION DETAILS

Time: 166 ms

Memory: 103812 kb

🔗 TEST CASE INFORMATION

Input

The Good The Bad and The Ugly

Expected Output

5

Actual Output

5

➤ CONSOLE OUTPUT

📄 STANDARD ERROR/WARNING

None

✔ default