

## HW 3.1

Compile

```
shuqiny2@circinus-30 00:50:07 ~/hw/hw3/253P-HW3/src  
$ javac HW3_1.java  
shuqiny2@circinus-30 00:50:19 ~/hw/hw3/253P-HW3/src  
$ java HW3_1  
Input the filename: sample_maze.txt
```







## Test case 4

input:

```
4 x 3 Maze!
~~~~~

(start)_ _
|   |   |
|   |   |
|   |   |
|_ _|   |
|   |   |
|   |   |
~~~~~
(end)
```

output:

Solution Path: Can't find a solution!

```
shuqiny2@circinus-30 01:15:45 ~/hw/hw3/253P-HW3/src
$ java HW3_1
Input the filename: sample_maze3.txt
Solution Path:Can't find a solution!
shuqiny2@circinus-30 01:16:31 ~/hw/hw3/253P-HW3/src
```



# HW 3.2 - 1

Substitute by LeetCode # 946, medium

LeetCode

Explore

Problems

Mock

Contest

Discuss

Store

October LeetCode Challenge

Premium

Description

Solution

Discuss (435)

Submissions

Success

Details

Runtime: 1 ms, faster than 94.72% of Java online submissions for Validate Stack Sequences.

Memory Usage: 39 MB, less than 12.05% of Java online submissions for Validate Stack Sequences.

Next challenges:

Binary Tree Preorder Traversal

Make The String Great

Crawler Log Folder

Show off your acceptance:

Time Submitted	Status	Runtime	Memory	Language
10/26/2020 11:27	Accepted	1 ms	39 MB	java
10/26/2020 11:25	Accepted	2 ms	38.9 MB	java
10/26/2020 10:16	Runtime Error	N/A	N/A	java
10/26/2020 10:15	Runtime Error	N/A	N/A	java
10/26/2020 10:14	Runtime Error	N/A	N/A	java

Java

Autocomplete

```
1 class Solution {
2     public boolean validateStackSequences(int[] pushed, int[] popped) {
3         Stack<Integer> stack = new Stack<>();
4         int i = 0;
5         for(int p : pushed){
6             stack.push(p);
7             while (!stack.isEmpty() && stack.peek() == popped[i]){
8                 stack.pop();
9                 i++;
10            }
11        }
12        return stack.isEmpty();
13    }
14 }
```

Your previous code was restored from your local storage. [Reset to default](#)

Testcase

Run Code Result

Debugger

Accepted

Runtime: 0 ms

Your input

[1,2,3,4,5]

[4,5,3,2,1]

Output

true

Diff

Expected

true

Problems

Pick One

< Prev

946/1632

Next >

Console

How to create a testcase

Run Code

Submit

## HW 3.2 - 2

Substitute by LeetCode # 856, medium

SuccessDetails >

Runtime: 0 ms, faster than 100.00% of Java online submissions for Score of Parentheses.

Memory Usage: 37.3 MB, less than 13.70% of Java online submissions for Score of Parentheses.

Next challenges:

Remove K Digits132 PatternLongest Uncommon Subsequence I

Show off your acceptance:

Time Submitted	Status	Runtime	Memory	Language
10/26/2020 14:43	Accepted	0 ms	37.3 MB	java

JavaAutocomplete

```
1 class Solution {
2   public int scoreOfParentheses(String s) {
3     Stack<Character> stack = new Stack(); // stores only left parentheses
4     int score = 0;
5     int tmp = 0;
6     for (int i = 0; i < s.length(); i++) {
7       char c = s.charAt(i);
8       if (c == '(') {
9         if (!stack.isEmpty())
10            tmp *= 2;
11        else
12            tmp = 1;
13        stack.push(c);
14        i++;
15      }
16      else { // c == ')'
17        score += tmp;
18      }
19    }
20    return score;
21  }
```

Your previous code was restored from your local storage. [Reset to default](#)

TestcaseRun Code ResultDebugger

AcceptedRuntime: 0 ms

Your input  
"()"
"()"
"

Output  
2
2
6Diff

Expected  
2
2
6

Problems

Pick One

< Prev856/1632Next >

ConsoleHow to create a testcase

Run CodeSubmit

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