

Day 6: Let's Review

☆

8 more challenges to get your next star!

Points: 7/15



30

Days of Code

★★

Problem

Submissions

Leaderboard

Discussions

Editorial

Tutorial

Objective

Today we're expanding our knowledge of Strings and combining it with what we've already learned about loops. Check out the [Tutorial](#) tab for learning materials and an instructional video!

Task

Given a string, S , of length N that is indexed from 0 to $N - 1$, print its even-indexed and odd-indexed characters as **2** space-separated strings on a single line (see the Sample below for more detail).

Note: 0 is considered to be an even index.

Input Format

The first line contains an integer, T (the number of test cases).

Each line i of the T subsequent lines contain a String, S .

Constraints

- $1 \leq T \leq 10$
- $2 \leq \text{length of } S \leq 10000$

Output Format

For each String S_j (where $0 \leq j \leq T - 1$), print S_j 's even-indexed characters, followed by a space, followed by S_j 's odd-indexed characters.

Sample Input

2
Hacker
Rank

Sample Output

Hce akr
Rn ak

Explanation

Author

AllisonP

Difficulty

Easy

Max Score

30

Submitted By

203948

NEED HELP?

View tutorial

View discussions

View editorial

View top submissions

RATE THIS CHALLENGE

☆

☆

☆

☆

☆

MORE DETAILS

Download problem statement

Download sample test cases

Suggest Edits

f

in

Test Case 0: $S = \text{"Hacker"}$




$S[0] = \text{"H"}$
 $S[1] = \text{"a"}$
 $S[2] = \text{"c"}$
 $S[3] = \text{"k"}$
 $S[4] = \text{"e"}$
 $S[5] = \text{"r"}$

The even indices are **0**, **2**, and **4**, and the odd indices are **1**, **3**, and **5**. We then print a single line of **2** space-separated strings; the first string contains the ordered characters from S 's even indices (**Hce**), and the second string contains the ordered characters from S 's odd indices (**akr**).

Test Case 1: $S = \text{"Rank"}$

$S[0] = \text{"R"}$
 $S[1] = \text{"a"}$
 $S[2] = \text{"n"}$
 $S[3] = \text{"k"}$

The even indices are **0** and **2**, and the odd indices are **1** and **3**. We then print a single line of **2** space-separated strings; the first string contains the ordered characters from S 's even indices (**Rn**), and the second string contains the ordered characters from S 's odd indices (**ak**).

Change Theme Java 8   

```
1  import java.io.*;
2  import java.util.*;
3
4  import java.io.*;
5  import java.util.*;
6
7  public class Solution {
8
9      public static void main(String[] args) {
10          Scanner scanner = new Scanner(System.in);
11          int n = scanner.nextInt();
12          scanner.skip("(\\r\\n|[\\n\\r\\u2028\\u2029\\u0085])?");
13          for(int i=0; i<n; i++){
14              String s = scanner.nextLine();
15              String s_even = "", s_odd = "";
16              for(int j= 0; j < s.length(); j++ ){
17                  if(j % 2 > 0){ //odd-indexed
```

```
18         }else{odd = even+1;index++;}
19     }
20     s_even += s.charAt(j);
21 }
22 }
23 System.out.printf("%s %s\n",s_even,s_odd);
24 }
25 scanner.close();
26 }
27 }
28
29
30
```

Line: 1 Col: 1

 Upload Code as File

☐ Test against custom input

Run Code

Submit Code

[Contest Calendar](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)