



Day 6: Let's Review



by AllisonP

Tutorial

Problem

Submissions

Leaderboard

Discussions

Editorial

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

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**).

Easy

Submitted 95965 times Max Score 30

Need Help?

[View Tutorial](#)[View Discussions](#)[View Editorial Solution](#)[View Top Submissions](#)

Rate This Challenge:

[Download problem statement](#)[Download sample test cases](#)[Suggest Edits](#)

Current Buffer (saved locally, editable)

Java 7



```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution.
11         */
12     }
```

Line: 1 Col: 1

Upload Code as File

☐ Test against custom input

Run Code

Submit Code

Copyright © 2017 HackerRank. All Rights Reserved

Join us on IRC at [#hackerrank](#) on freenode for hugs or bugs.

