# Day 6: Let's Review ☆

4 more challenges to get your next star!

Points: **11/15**

RATE THIS CHALLENGE

☆ ☆ ☆ ☆ ☆

**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: $S = \text{"Hacker"}$

$S[0] = \text{"H"}$

$S[1] = \text{"a"}$

$S[2] = \text{"c"}$

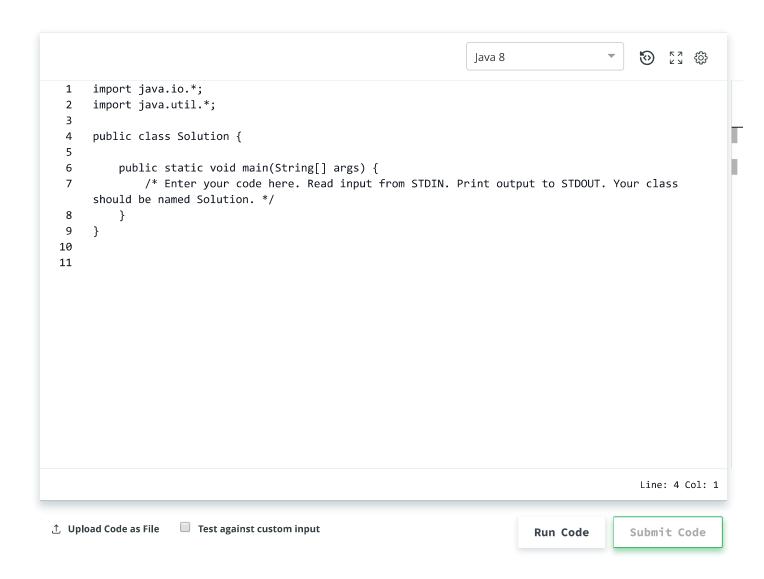$S[3] = \text{"k"}$

$S[4] = \text{"e"}$

$S[5] = \text{"r"}$

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**).

Java 8

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

Line: 4 Col: 1

⬆ Upload Code as File      ☐ Test against custom input                          Run Code          Submit Code