5

Day 6: Let's Review ☆

4 more challenges to get your next star!

Points: **3/7**

30
Days of Code
*

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Try the next challenge

Problem	Submissions	Leaderboard	Editorial 🔒	Tutorial

Objective

Today we will expand our knowledge of strings, combining it with what we have 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.

Example

$s = \text{adbecf}$

Print abc def

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

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

$S[2] = "c"$

$S[3] = "k"$

$S[4] = "e"$

$S[5] = "r"$

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: $S = "Rank"$

$S[0] = "R"$

$S[1] = "a"$

$S[2] = "n"$

$S[3] = "k"$

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   Python 3

```python
# Enter your code here. Read input from STDIN. Print output to STDOUT
n=int(input())
i=0
ls=[]
while (i<n):
    ls.append(input())
    i+=1
i=0
while (i<n):
    str1=str(ls[i])
    print(f'{str1[::2]} {str1[1::2]}')
    i+=1
# str2=str(ls[1])

# print(f'{str2[::2]} {str2[1::2]}')
```

Line: 14 Col: 1

⬆ Upload Code as File ☐ Test against custom input

Run Code Submit Code

You have earned 30.00 points!

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20%   3/7

30

Days of Code
★

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Test case 1 🔒

Test case 2 🔒

Test case 3 🔒

Test case 4 🔒

Test case 5 🔒

Test case 6 🔒

Compiler Message

Success

Input (stdin)   Download

1 2
2 Hacker
3 Rank

Expected Output   Download

1 Hce akr
2 Rn ak

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