

# I M09 - String Conversion

Problem

Submissions

Leaderboard

Discussions

The string "GOTISPATHETIC" is written in a zigzag pattern on a given number of rows like this:

```
G---S---H---C-
-O-I-P-T-E-I--
--T---A---T---
```

And then read line by line: GSHCOIPTEITAT

Write the code that will take a string and make this conversion given a number of rows.

## Input Format

One string and one integer- the number of rows.

## Output Format

One string

## Sample Input 0

```
GOTISPATHETIC
3
```

## Sample Output 0

```
GSHCOIPTEITAT
```



Contest ends in 2 days

Submissions: 75

Max Score: 50

Difficulty: Medium

Rate This Challenge:



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Current Buffer (saved locally, editable) 🔗 ↺

C++14



```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
8
9 int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
13
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code