

6. ZigZag Conversion

Description (/problems/zigzag-conversion/description/)

Hints (/problems/zigzag-conversion/hints/)

Submissions (/problems/zigzag-conversion/submissions/)

Discuss (/problems/zigzag-conversion/discuss/)

Discuss (<https://discuss.leetcode.com/category/14>)

Pick One (/problems/random-one-question/)

Notes

The string "PAYPALISHIRING" is written in a zigzag pattern on a given number of rows like this: (you may want to display this pattern in a fixed font for better legibility)

```
P   A   H   N
A P L S I I G
Y   I   R
```

And then read line by line: "PAHNAPLSIIGYIR"

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

```
string convert(string text, int nRows);

convert("PAYPALISHIRING", 3) should return "PAHNAPLSIIGYIR" .
```

Seen this question in a real interview before?

Yes

No

Subscribe (/subscribe/) to see which companies asked this question.

Related Topics ▾

Python3 ▾

```
1 class Solution:
2     def convert(self, s, numRows):
3         """
4         :type s: str
5         :type numRows: int
6         :rtype: str
7         """
8
```

☐ Custom Testcase ([Contribute](#))

Run

Submit

Submission Result: **Accepted** (/submissions/detail/135578432/) [More Details](#) (/submissions/detail/135578432/)

Next challenges: [Add Binary](#) (/problems/add-binary) [Decode Ways](#) (/problems/decode-ways) [Smallest Range](#) (/problems/smallest-range)

