

# ZigZag Conversion

[My Submissions \(/problems/zigzag-conversion/submissions/\)](/problems/zigzag-conversion/submissions/)

Total

Question

Solution

Accepted: **56112** Total Submissions: **262088** Difficulty: **Easy**

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" .

[Show Tags](#)

Have you met this question in a real interview?

[Discuss \(/discuss/questions/oj/zigzag-conversion\)](/discuss/questions/oj/zigzag-conversion/)

C ▼



```
1 char* convert(char* s, int numRows) {
2
3 }
```

✉ [Send Feedback \(mailto:admin@leetcode.com?subject=Feedback\)](mailto:admin@leetcode.com?subject=Feedback)

Custom Testcase ☐

Run Code

Submit Solution

---

[Frequently Asked Questions \(/faq/\)](#) | [Terms of Service \(/tos/\)](#)

[Privacy](#)

Copyright © 2015 LeetCode