砂 Description (?tab=Description) Submission (?tab=Submission) Solutions (?tab=Solutions) Total Accepted: 136778 Total Submissions: 523673 Difficulty: Medium Contributors: Admin 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) A H N APLSIIG 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". Hide Tags String (/tag/string/) Have you met this question in a real interview? Yes No Discuss (https://discuss.leetcode.com/category/14) ズ Pick One (/problems/random-one-question/) Editorial Solution C++ C </> class Solution { 1 2 public: 3 string convert(string s, int numRows) { 4 if(numRows == 1) return s; 5 vector<string> row(numRows); 6 int magic = (numRows-1)*2; 7 for(int i = 0; i<s.length(); ++i) { int r = i % magic; 8 9 if(r < numRows) {</pre> 10 row[r] += s[i];11 } else { row[magic - r] += s[i];12 13 14 15 stringstream ss; 16 for(auto str : row) { 17 ss<<str; 18 19 return ss.str(); 20 } 21 }; Custom Testcase Contribute Testcase @ Run Code Submit Solution

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