

6. Zigzag Conversion

<https://leetcode.com/problems/zigzag-conversion/>

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
```

Success Details >

Runtime: 43 ms, faster than 12.99% of C++ online submissions for Zigzag Conversion.

And then read line by line: "PAHNAPLSIIGYIR"

```
class Solution {
public:
    string convert(string s, int numRows) {
        string ans;
        bool show = false;
        L0006 a(s, numRows, ans, show);
        return ans;
    }
};
```

```
-----
PAYPALISHIRING
num rows = 3
0 1 2 1 0 1 2 1 0 1 2 1 0 1
PAHN
APLSIIG
YIR
PAHNAPLSIIGYIR
-----
PAYPALISHIRING
num rows = 4
0 1 2 3 2 1 0 1 2 3 2 1 0 1
PIN
ALSIG
YAHR
PI
PINALSIGYAHRPI
-----
A
num rows = 1
-----
Jagadeesh Vasudevamurthy
num rows = 4
0 1 2 3 2 1 0 1 2 3 2 1 0 1 2 3 2 1 0 1 2 3 2 1
Jesm
aesauauy
gdhVdvrh
a et
JesmaesauauygdhVdvrha et
```