

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

6. Zigzag Conversion

Code:

```
class Solution {
    public String convert(String s, int numRows) {
        if(numRows <= 1)
            return s;

        ArrayList<String> res = new ArrayList<>();
        StringBuilder sb = new StringBuilder();
        for(int i=0;i<numRows;i++)
            res.add("");

        int row=0,step=1;
        for(char c : s.toCharArray()) {

            res.set(row,res.get(row)+c);

            if(row == 0)
                step=1;
            else if(row == numRows-1)
                step=-1;

            row+=step;
        }

        for(String str : res)
            sb.append(str);
        return sb.toString();
    }
}
```