Problem Link:

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

Solution:

class Solution {

public:

string convert(string s, int numRows) {

if(numRows == 1 || numRows >= s.length())

return s;

vector<string> rows(numRows);

int c = 0;

bool f = false;

for(char ch : s)

{

rows[c] += ch;

if(c == 0 || c == numRows - 1)

f = !f;

c += f ? 1 : -1;

}

string res;

for(string& row : rows)

res += row;

return res;

}

};