class Solution:

def convert(self, s: str, numRows: int) -> str:

if numRows == 1: return s

a=""

for i in range(numRows):

for j in range(i,len(s),2\*(numRows-1)):

a+=s[j]

if(i>0 and i<numRows-1 and j+2\*(numRows-1)-2\*i < len(s)):

a+=s[j+2\*(numRows-1)-2\*i]

return a