Valid Parenthesis String

class Solution:

def checkValidString(self, s: str) -> bool:

length = len(s)

o = c = 0

for i in range(length):

if s[i] == '\*' or s[i] == '(':

o += 1

else:

o -= 1

if s[length-i-1] == '\*' or s[length-i-1] == ')':

c += 1

else:

c -= 1

if o < 0 or c < 0:

return False

return True