class Solution:

def removeInvalidParentheses(self, s: str) -> List[str]:

def isValid(s):

i= 0

ctr = 0

while i<len(s):

if s[i]== '(':

ctr += 1

elif s[i] == ")":

if ctr == 0:

return False

ctr -= 1

i +=1

return ctr == 0

level ={s}

while True:

valid = list(filter(isValid, level))

if valid:

return valid

level = {s[:i] + s[i+1:] for i in range(len(s)) for s in level}