class Solution:

def numDecodings(self, s: str) -> int:

if s[0] == '0':

return 0

n = len(s)

dp = [0] \* (n + 1)

dp[0], dp[1] = 1, 1

for i in range(2, n + 1):

one = int(s[i - 1])

two = int(s[i - 2:i])

if 1 <= one <= 9:

dp[i] += dp[i - 1]

if 10 <= two <= 26:

dp[i] += dp[i - 2]

return dp[n]