class Solution(object):

def numDecodings(self, s):

"""

:type s: str

:rtype: int

"""

dp = [0 for i in range(len(s)+1)]

dp[0] = 1

for i in range(1,len(dp)):

a,b = 0,0

#print s[i-1],s[i-2]+s[i-1]

#print '0'<=s[i-1]<='9'

if '1'<=s[i-1]<='9':

a=dp[i-1]

if i>=2:

if '10'<=s[i-2]+s[i-1]<='26':

b=dp[i-2]

dp[i] = a+b

#print dp

return dp[-1]