def climbStairs(n):

if n == 1:

return 1

elif n == 2:

return 2

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

dp[1] = 1

dp[2] = 2

for i in range(3, n + 1):

dp[i] = dp[i - 1] + dp[i - 2]

return dp[n]

print(climbStairs(2))

print(climbStairs(3))