class Solution(object):

def lengthOfLIS(self, nums):

"""

:type nums: List[int]

:rtype: int

"""

if not nums:

return 0

dp = [1 for i in range(len(nums))]

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

for j in range(i):

if nums[i]>nums[j]:

dp[i] = max(dp[i],dp[j]+1)

print dp

return max(dp)