Maximum sum of sub array

##Don’t check nums[i], whatever it is positive or not, the result won’t affect, as the result can be negative.

Link ref: <https://blog.csdn.net/DERRANTCM/article/details/46736967>

Problem ref: <https://www.acwing.com/problem/content/description/50/>

class Solution(object):

def maxSubArray(self, nums):

"""

:type nums: List[int]

:rtype: int

"""

dp = [0 for i in range(len(nums))]

dp[0] = nums[0]

maximum = dp[0]

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

if dp[i-1]>0:

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

else:

dp[i] = nums[i]

maximum = max(dp[i],maximum)

return maximum