Problem #53: Maximum Subarray. (Easy)

<https://leetcode.com/problems/maximum-subarray/>

My Solution:

class Solution:

def maxSubArray(self, nums: List[int]) -> int:

n = len(nums)

local\_max = nums[0]

global\_max = nums[0]

for i in range(1, n):

local\_max = max(nums[i], local\_max + nums[i])

global\_max = max(local\_max, global\_max)

return(global\_max)

This is based on Kadane’s algorithm.