Maximum Sularray
For this problem the took is to find the contiguous subarray wells the
largest sum.
Appoach 1: Kadane's Algorithm (O(a) Time O(e) space):
Jolea: Iterato through the array, keeping:  - cursent - sum: max subarray sum ending at cursent index
- cursent-sum: max subassay sum endig at cursent index
max sum: global max sum jourd 19 fcd.
At each element:
· Current_ num= max (num; [i], current_sum+num; [i])
max_sum= max(max_sum, current_sum)
Complexity: Twine: O(u)
- Jace? Oh)
Tole: That array into two halves:  Max subarray sum is either:
Idea: Islat array into two halves:
Max subassay sum is either:
1. In the left half
1. In the right half
1. In the left half 2. In the right half 3, Espsses the middle (max left wfix+ max right prefix).