

search space  
O(N log S)

## \* Split Array Largest Sum \*

(7, 2, 5, 10, 8)

into 2 parts. Return largest possible sum s.t. its minimized.

min possible val  $\rightarrow$  max element  
max " "  $\rightarrow$  sum of elements

do a binary search on that range.

Same as Capacity to ship packages within days.