Subarray Problem
Kadane's like

Take

$[4, 2, -5, 3]$

using / ~~testing~~ every pair,
apply

$4 = Even, odd = +2$

Even $- odd + Even - odd \dots \rightarrow$

Let even be 0
    odd   be 0

Swap between $\downarrow^{Odd}$ Even $-$ Current
                       Odd $+$ Current
                           $\uparrow_{Even}$

Thus

on odd

$odd, even = max(odd, even - num)$
                $max(even, odd + num)$

on even

Testing

$[6, 2, 1, 2, 4, 5]$ odd = Max $\Big\{$ odd

odd = 0, even = 0   even → $\Big\{$ even - a

swap?.

6, odd = 0, even = 6
2, odd = 4, even = 6
1, odd = 5, even = 6
2, odd = 5, even = 7
4, odd = 5, even = 9
5, odd = 5, even = 10