* Wiggle Sort II

nums[0] < nums[1] > nums[2] < ....

or equal or equal

[555...5] M [LLL...L]

(n-1)/2 (n-1)/2

1 3 5 7 ... 0 2 4 6 ... ← virtual indexes

(1+2i) % (n|1)

use those for future calculations.

median = m

a b c d e f ... z ← virtual indexed

left right

i

arr[i] > m → swap left, i
left++ i++

arr[i] < m → swap right, i
right--, i

arr[i] = m → i++