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APCS p5
HW3
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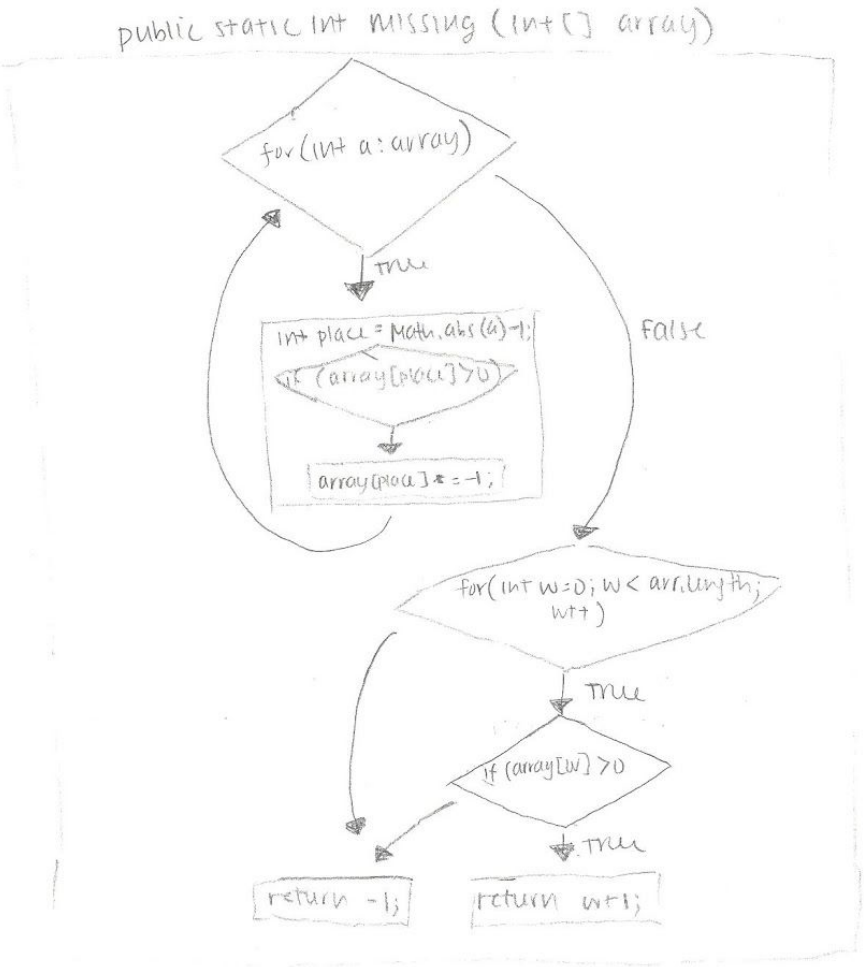

Example: [1, 2, 2, 4]

Loop 1:

a[a[0]-1] → a[1-1] = a[0] : 1 → -1

a[a[1]-1] → a[2-1] = a[1] : 2 → -2

a[a[2]-1] → a[2-1] = a[1] : -2 ← stays the same because only negating positives

a[a[3]-1] → a[4-1] : a[3] : 4 → 4

Array is now [-1, -2, 2, 4]

Loop 2: Find array[index] > 0
and return index +1.