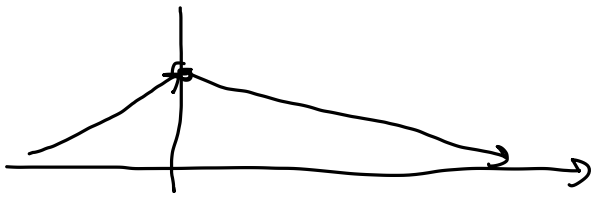
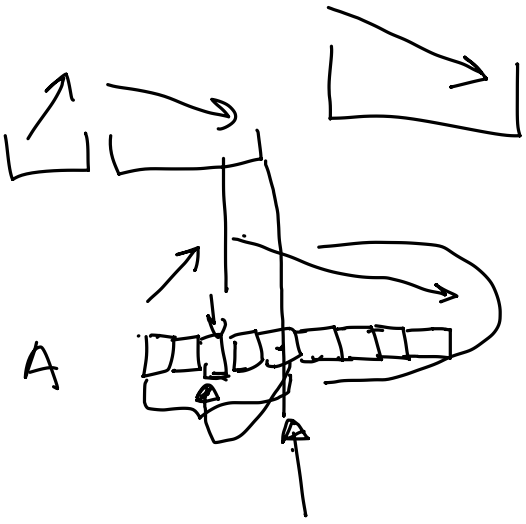
- Binary Search HW.
- Test
- Stack HW.



O(log(n))



middle m

if we are in decreasing part:

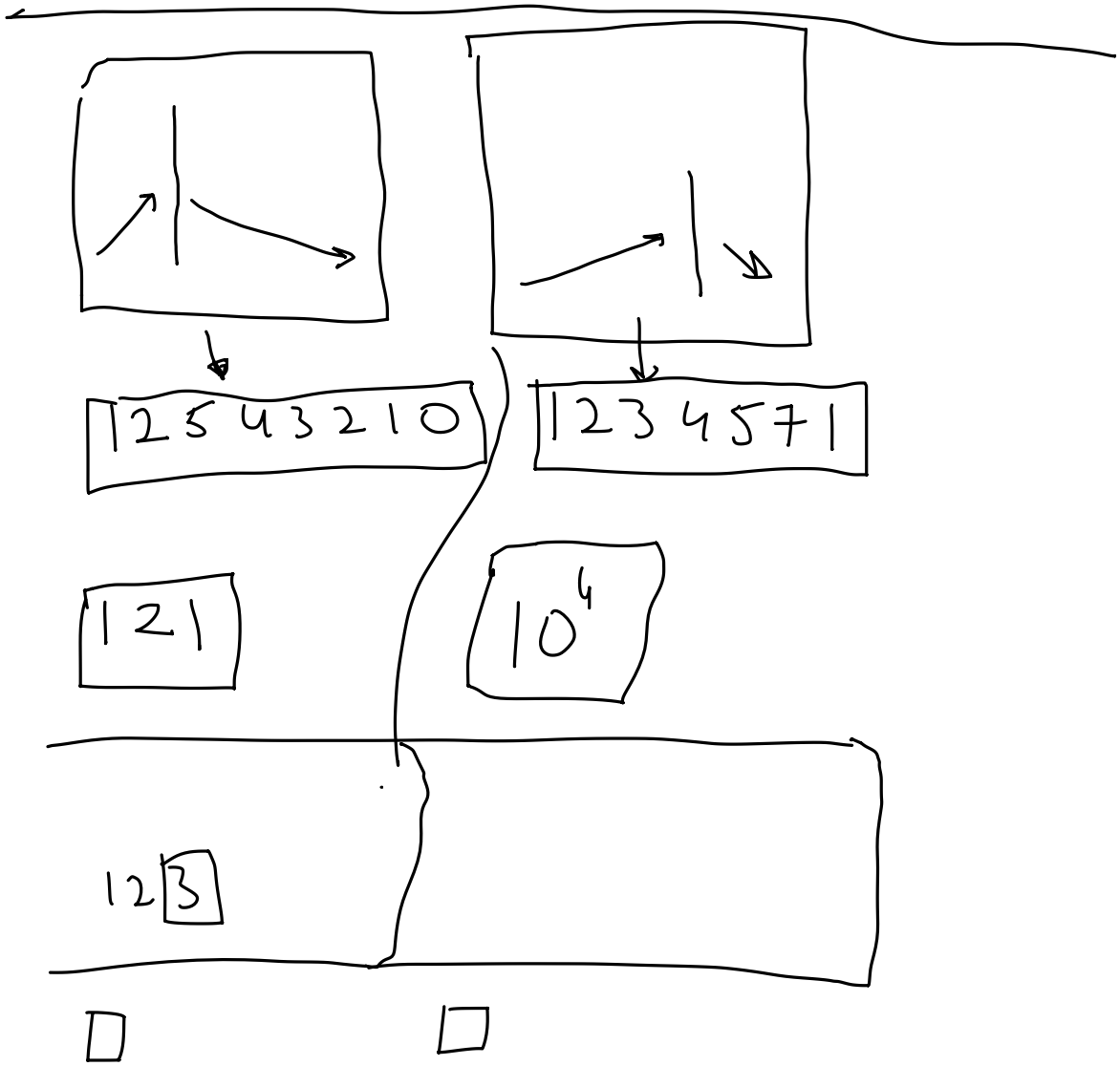
go left

if we are in increasing part:

go right

$[0, 10^6] \rightarrow$ int

↳ 4 bytes



$0, \ldots, 10^5$

0,0 1,1 2,2 3,3 4,.....

2 2 2

0,0,1,

2 cases: g-size