

Ques

7

Count Frequency of each element

1 2 4 3 5 4 3

①

1	1
2	1
3	2
4	2
5	1

$c = 1, 2, 3, 4, 5$

1	1
2	1
3	2
4	2

② $a[\text{get}()]=r$

$c++$

else {

print

update r and c

3

Ques

1 2 3 9 0 5

check Sorted and rotated

sorted 0 1 2 3 5 9

3 5 9 0 1 2

3

9 0 1 2 3 5

1

3 5 9 0 1 2

① $\Rightarrow p > c$ only once $i == \text{minIdx}$

② greatest index \Rightarrow index of smallest - 1

③ first $>$ last

0 1 2 3 4 5
3 5 9 0 1 2



gi \Rightarrow 2

si \Rightarrow 3

cur \rightarrow max
max = cur

arr[i] > arr[gi];
gi = i

5 4 3 2 1 0

1 0 5 4 3 2

2

c! = max

① $b < c$ $c \Rightarrow$ max

② greatest element \Rightarrow smallest + 1
idx elem idx

③ first < last

maxIdx minIdx

maxIdx = minIdx - 1

ascending

minIdx + 1

descending

