

# Statement Amendments

## Division A

### Problem A: Avid Autoplay

- **Before:** The dissatisfaction score is  $\max|a_i - a_{i+1}|$  for any  $1 \leq i < n$ , and songs can only be arranged consecutively if they share a property.
- **After:** The dissatisfaction score is the maximum absolute difference between the energy values of any two consecutive songs in the created playlist, and songs can only be arranged consecutively if they share a property.

### Problem B: By All Means

- **Before:** Equivalently, the mean is a word  $m$  such that there are equally many words before and after  $m$  within this segment.
- **After:** Equivalently, the mean is a word  $m$  such that there are equally many words before and after  $m$  within this segment, or there is one more word after than before.

### Problem C: Do You Ever Feel Like a Plastic Bag?

Removed duplicated line: Determine the earliest time  $s$  ( $0 \leq s \leq m$ ), at which you can stop being stationary such that

Renamed  $(r, c)$  to  $(x_t, y_t)$  throughout statement

Added **Notes** section:

- If the bag stops being stationary at time  $s$ , it remains at  $(0, 0)$  for the first  $s$  wind steps, and then begins moving according to the wind at time  $s + 1$ .
- The bag is removed if it occupies a cell containing a Good Citizen at any time from when it starts drifting until it reaches the target, including the starting cell and the target cell itself.

### Problem F: Locked Away

Changed  $(1 \leq n \leq 10^{12})$  to  $(2 \leq n \leq 10^{12})$  as  $n = 1$  was impossible.

### Problem G: Mirrorball

Changed 'submit your answer, where  $1 \leq x \leq 10^9$ ' to 'submit your answer, where  $0 \leq x \leq 10^9$ '.

Added line under **Notes**: It is guaranteed that the number of test cases in this problem does not exceed 100.

### Problem H: Misery Business

Replaced 'shifts his focuses' with 'shifts his focus'. Replaced 'each lane must maintain a non-decreasing order' with 'each lane must maintain a non-increasing order'.

### Problem I: Spotify Blend

Replaced incorrect formatting  $S_{\{a_i\}}$  with  $S_i$ , and added  $(1 \leq |S_i| \leq 20)$ , as well as that each song name is unique within each persons top- $k$  list.

### Problem J: Stateside

Replace Olympic Interval with Olympic 5-tuple.

### Problem K: Supercut

Replaced 'indexes' with 'indices'.

### Problem L: XOR Encore

Replaced  $1 \leq n$  with  $2 \leq n$  as  $n = 1$  was impossible.