

Medium 398 17 Add to List Share

You are also given some queries. Each query consists of two integers `i` and `c` , return the shortest distance between the given index `i` and the target color `c` . If there is no solution return `-1` .

Explanation:

The nearest 3 from index 1 is at index 4 (3 steps away).

The nearest 2 from index 2 is at index 2 itself (0 steps away).

The nearest 1 from index 6 is at index 3 (3 steps away).

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- `1 <= colors.length <= 5*10^4`
- `1 <= colors[i] <= 3`
- `1 <= queries.length <= 5*10^4`
- `queries[i].length == 2`
- `0 <= queries[i][0] < colors.length`
- `1 <= queries[i][1] <= 3`

Seen this question in a real interview before?

Companies

Array Binary Search Dynamic Programming

Show Hint 2

Show Hint 3