

5495. Most Visited Sector in a Circular Track

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Given an integer n and an integer array `rounds`. We have a circular track which consists of n sectors labeled from 1 to n . A marathon will be held on this track, the marathon consists of m rounds. The i^{th} round starts at sector `rounds[i - 1]` and ends at sector `rounds[i]`. For example, round 1 starts at sector `rounds[0]` and ends at sector `rounds[1]`.

Return an array of the most visited sectors sorted in **ascending** order.

Notice that you circulate the track in ascending order of sector numbers in the counter-clockwise direction (See the first example).

User Accepted: 0

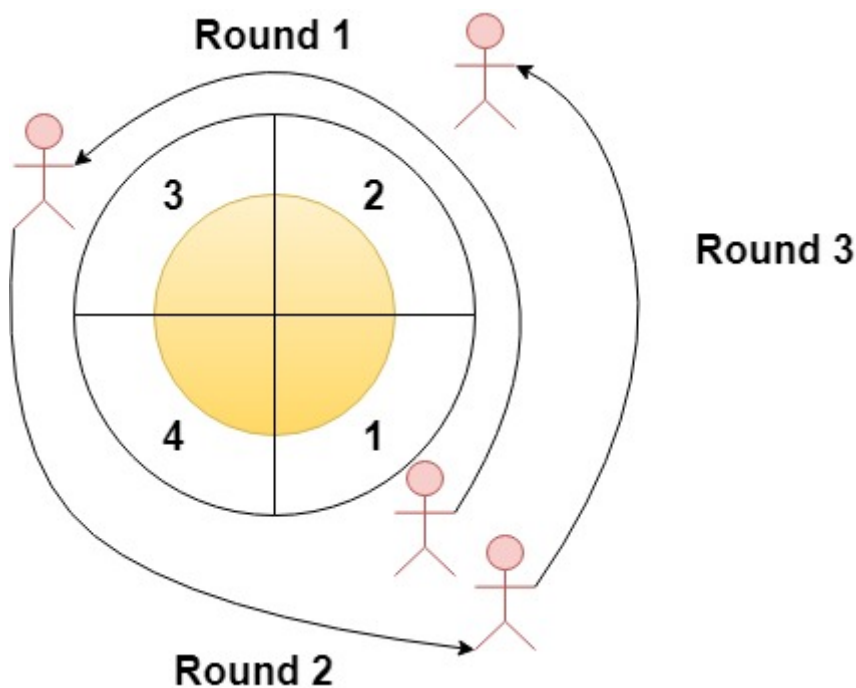
User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Easy

Example 1:



Input: $n = 4$, `rounds = [1,3,1,2]`

Output: `[1,2]`

Explanation: The marathon starts at sector 1. The order of the visited sectors is as follows: 1 \rightarrow 2 \rightarrow 3 (end of round 1) \rightarrow 4 \rightarrow 1 (end of round 2) \rightarrow 2 (end of round 3 and the start of round 4) \rightarrow 3 (end of round 4). We can see that both sectors 1 and 2 are visited twice and they are the most visited sectors.

Example 2:

Input: $n = 2$, $\text{rounds} = [2, 1, 2, 1, 2, 1, 2, 1, 2]$ **Output:** $[2]$ **Example 3:****Input:** $n = 7$, $\text{rounds} = [1, 3, 5, 7]$ **Output:** $[1, 2, 3, 4, 5, 6, 7]$ **Constraints:**

- $2 \leq n \leq 100$
- $1 \leq m \leq 100$
- $\text{rounds.length} == m + 1$
- $1 \leq \text{rounds}[i] \leq n$
- $\text{rounds}[i] \neq \text{rounds}[i + 1]$ for $0 \leq i < m$

JavaScript ▼



```
1  /**
2   * @param {number} n
3   * @param {number[]} rounds
4   * @return {number[]}
5   */
6  var mostVisited = function(n, rounds) {
7
8  };
```

☐ Custom Testcase

Use Example Testcases

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