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Description Editorial Solutions Submissions

1848. Minimum Distance to the Target Element

Easy Topics Companies Hint

Given an integer array `nums` **(0-indexed)** and two integers `target` and `start`, find an index `i` such that `nums[i] == tar` `abs(i - start)` is **minimized**. Note that `abs(x)` is the absolute value of `x`.

Return `abs(i - start)`.

It is **guaranteed** that `target` exists in `nums`.

Example 1:

```
Input: nums = [1,2,3,4,5], target = 5, start = 3
Output: 1
Explanation: nums[4] = 5 is the only value equal to target, so the answer is
- 3) = 1.
```

Example 2:

```
Input: nums = [1], target = 1, start = 0
Output: 0
Explanation: nums[0] = 1 is the only value equal to target, so the answer is
- 0) = 0.
```

Example 3:

```
Input: nums = [1,1,1,1,1,1,1,1,1,1], target = 1, start = 0
Output: 0
Explanation: Every value of nums is 1, but nums[0] minimizes abs(i - start),
is abs(0 - 0) = 0.
```

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