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Complete the dunction balance Salam in the solidor basis.

Manuscritic many of integers

Remove

size and programment gramments and of the place

Constraints

3 3 x x 10°

1 5 x x 10°

1
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4 = art = (1, 2, 3, 3)

2

3

3

5ample Copyer 0

2

6splanation 0

The sum of the first too elements 1-2-3. The value of the list element is 3.

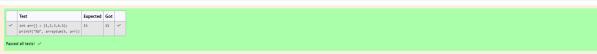
Using areo basis indexing, and (2-3 is the pinot between the too subarrays.

This leave of the pinot is 2.

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5ample Roper 1
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Calculate the sum of an array of integers.
 Example
 numbers = [3, 13, 4, 11, 9]
 The sum is 3 + 13 + 4 + 11 + 9 = 40.
 Function Description
 Complete the function arraySum in the editor below.
 arraySum has the following parameter(s):
int numbers(n): an array of integers
 Returns
int: integer sum of the numbers array
 Constraints
 1 ≤ n ≤ 10<sup>4</sup>
1 ≤ numbers[i] ≤ 10<sup>4</sup>
 Input Format for Custom Testing
 Input from stdin will be processed as follows and passed to the function.
 The first line contains an integer n, the size of the array numbers. Each of the next n lines contains an integer numbers \{i\} where 0 \le i < n.
 STDIN Function
 5 → numbers[] size n = 5
1 → numbers = [1, 2, 3, 4, 5]
Sample Output 0
```



Given an array of n integers, rearrange them so that the sum of the absolute differences of all adjacent elements is minimized. Then, compute the sum of those absolute differences is 1 = 1, 2 = 3, 3, 2, 4] if the list is rearranged as arr = [1, 2, 3, 3, 4], the absolute differences are [1 - 2] = 1, [2 - 3] = 1, [3 - 3] = 0, [3 - 4] = 1. The sum of those differences is 1 = 1 = 0, 2 = 3, 3, 2, 4] if the list is rearranged as arr = [1, 2, 3, 3, 4], the absolute differences are [1 - 2] = 1, [2 - 3] = 1, [3 - 3] = 0, [3 - 4] = 1. The sum of those differences is 1 = 1 = 0, 2 = 3, 3, 2, 4] if the list is rearranged as arr = [1, 2, 3, 3, 4], the absolute differences are [1 - 2] = 1, [2 - 3] = 1, [3 - 3] = 0, [3 - 4] = 1. The sum of those absolute differences is 1 = 1 = 1, 2, 3, 3, 4, the absolute differences are [1 - 2] = 1, [2 - 3] = 1, [3 - 3]

