

```
1 //*
2 * Complete the 'balancedSum' function below.
3 *
4 * The function is expected to return an INTEGER.
5 * The function accepts INTEGER_ARRAY arr as parameter.
6 */
7
8 int balancedSum(int arr_count, int* arr)
9 {
10     int left = 0, right = 0;
11     for(int i=0; i<arr_count; i++){
12         right += arr[i];
13     }
14     for(int i=0; i<arr_count; i++){
15         if(left==(right-arr[i])){
16             return i;
17         }
18         left += arr[i];
19         right -= arr[i];
20     }
21 }
22 }
```

Test	Expected	Got
✓ int arr[] = {1,2,3,3}; printf("%d", balancedSum(4, arr))	2	2 ✓

Passed all tests! ✓

Calculate the sum of an array of integers.

[Reset answer](#)

```
1 //*
2 * Complete the 'arraySum' function below.
3 *
4 * The function is expected to return an INTEGER.
5 * The function accepts INTEGER_ARRAY numbers as parameter.
6 */
7
8 int arraySum(int numbers_count, int *numbers)
9 {
10     int sum=0;
11     for(int i=0;i < numbers_count;i++){
12         sum += numbers[i];
13     }
14
15     return sum;
16 }
```

I

Test	Expected	Got
✓ int arr[] = {1,2,3,4,5}; printf("%d", arraySum(5, arr))	15	15 ✓

Passed all tests! ✓

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 function is expected to return all integer.

* The function accepts INTEGER_ARRAY arr as parameter.

```

4
5     * The function accepts INTEGER_ARRAY arr as parameter.
6     */
7
8     int mindiff(int arr_count, int* arr)
9     {
10        for(int i=0; i<arr_count-1;i++){
11            for(int j=0;j<arr_count-i-1;j++){
12                if(arr[j]>arr[j+1]){
13                    int temp = arr[j];
14                    arr[j]=arr[j+1];
15                    arr[j+1]=temp;
16                }
17            }
18        }
19        int sum=0;
20        for(int i=0;i<arr_count-1;i++){
21            sum += abs(arr[i]-arr[i+1]);
22        }
23    }
24
25 }
```

Passed all tests! ✓

[Finish review](#)