

Reset answer

```
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 totalsum=0;
11     for(int i=0;i<arr_count;i++){
12         totalsum+=arr[i];
13     }
14     int leftsum=0;
15     for(int i=0;i<arr_count;i++){
16         int rightsum=totalsum-leftsum-arr[i];
17         if(leftsum==rightsum){
18             return i;
19         }
20         leftsum+=arr[i];
21     }
22     return 1;
23 }
24
```

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

Passed all tests! ✓

```

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     {
13         sum=sum+numbers[i];
14     }
15     return sum;
16 }
17

```

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

Passed all tests! ✓

```

1  /*
2   * Complete the 'minDiff' function below.
3   *
4   * The function is expected to return an INTEGER.
5   * The function accepts INTEGER_ARRAY arr as parameter.
6   */
7  #include<stdio.h>
8  int compare(const void*a,const void *b){
9      return(*(int*)a-*(int*)b);
10 }
11 int minDiff(int arr_count, int* arr)
12 {
13     qsort(arr,arr_count,sizeof(int),compare);
14     int totaldiff=0;
15     for(int i=1;i<arr_count;i++)
16     {
17         totaldiff+=abs(arr[i]-arr[i-1]);
18     }
19     return totaldiff;
20 }
21 }
22

```

	Test	Expected	Got	
✓	int arr[] = {5, 1, 3, 7, 3}; printf("%d", minDiff(5, arr))	6	6	✓

Passed all tests! ✓