

```

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

```

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 s=0;
11     for(int i=0;i<numbers_count;i++){
12         s+=numbers[i];
13     }
14
15     return s;
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
8  int minDiff(int arr_count, int* arr)
9  {
10     for(int i=0;i<arr_count;i++){
11         for(int j=i;j<arr_count;j++){
12             if(i!=j){
13                 if(arr[i]>arr[j]){
14                     int temp=arr[j];
15                     arr[j]=arr[i];
16                     arr[i]=temp;
17                 }
18             }
19         }
20     }
21     int m=0;
22     for(int i=0;i<arr_count-1;i++){
23         m+=arr[i+1]-arr[i];
24     }
25     return m;
26 }
27

```

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

Passed all tests! ✓