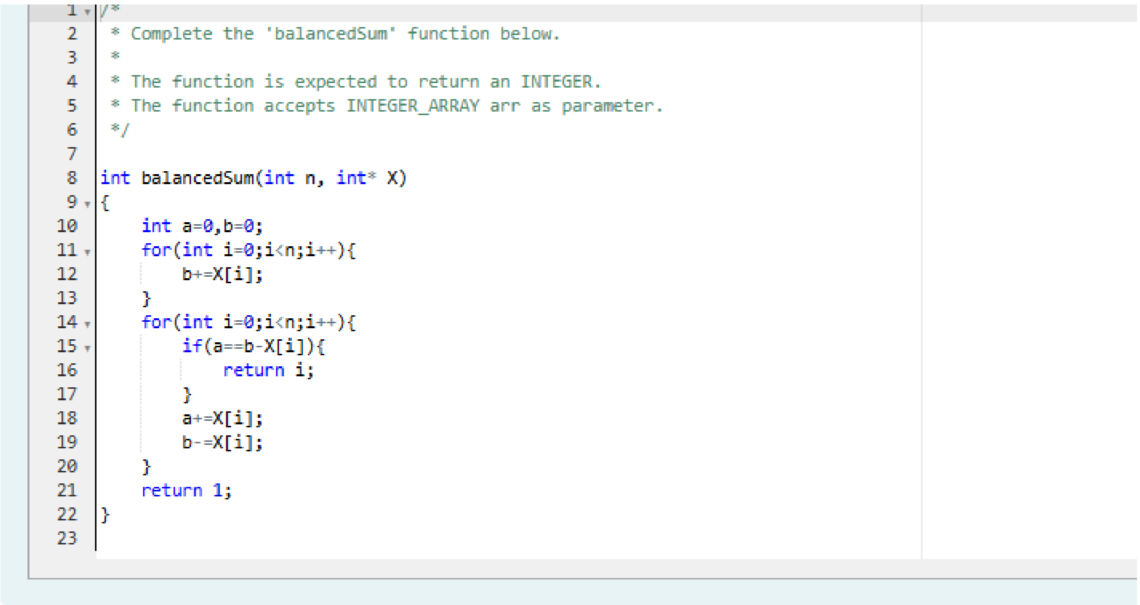
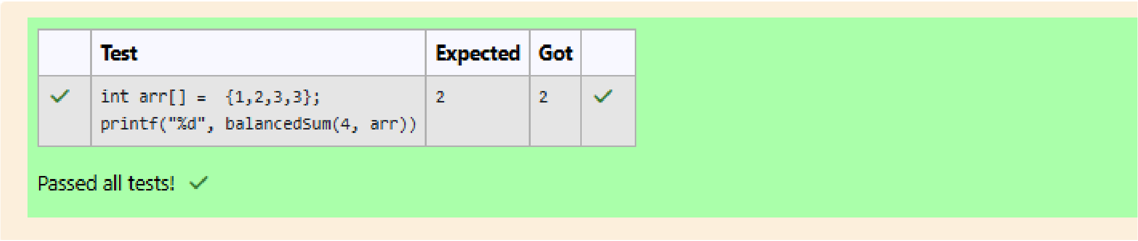


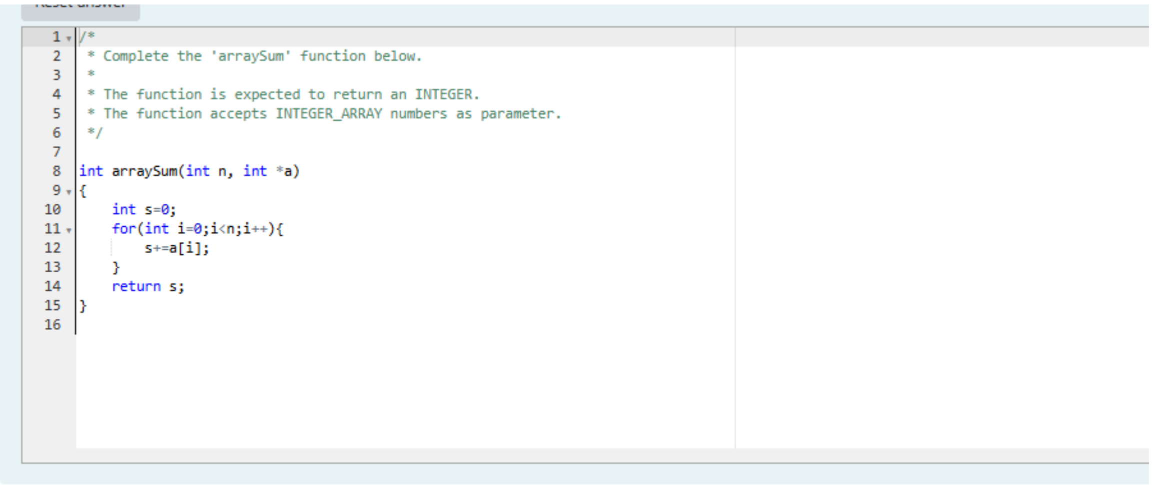
```
/*
 * Complete the 'balancedSum' function below.
 *
 * The function is expected to return an INTEGER.
 * The function accepts INTEGER_ARRAY arr as parameter.
 */

int balancedSum(int n, int* X)
{
    int a=0,b=0;
    for(int i=0;i<n;i++){
        b+=X[i];
    }
    for(int i=0;i<n;i++){
        if(a==b-X[i]){
            return i;
        }
        a+=X[i];
        b-=X[i];
    }
    return 1;
}
```



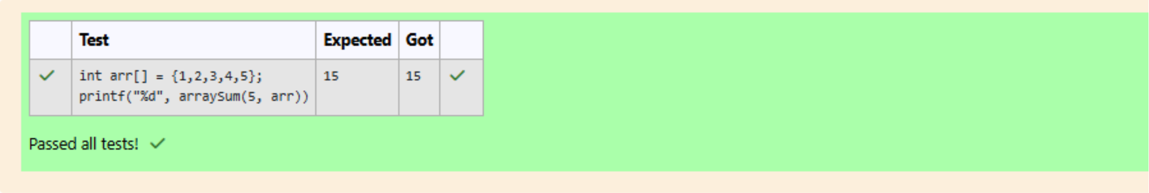
	Test	Expected	Got	

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

Passed all tests! ✓



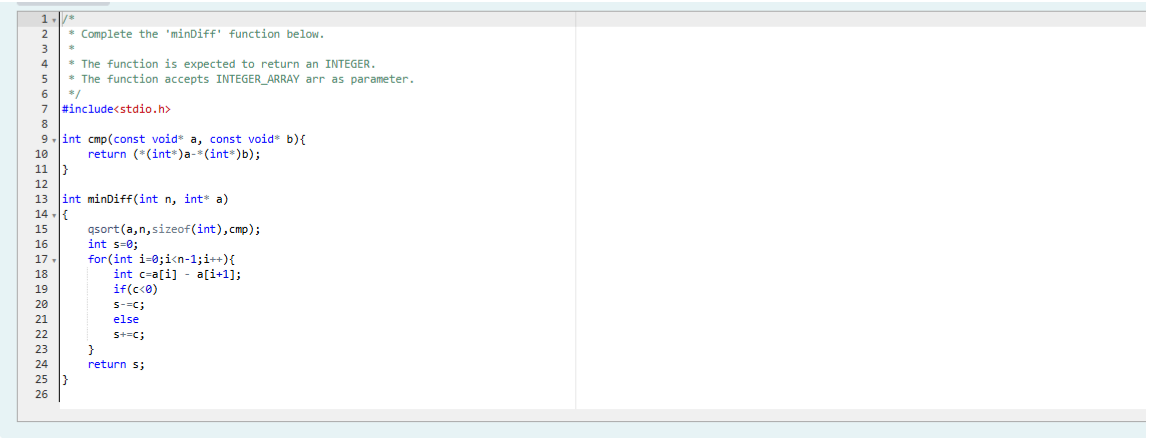
```c
/*
 * Complete the 'arraySum' function below.
 *
 * The function is expected to return an INTEGER.
 * The function accepts INTEGER_ARRAY numbers as parameter.
 */

int arraySum(int n, int *a)
{
    int s=0;
    for(int i=0;i<n;i++){
        s+=a[i];
    }
    return s;
}

```



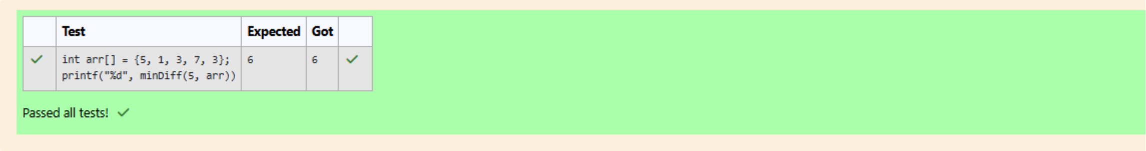
	Test	Expected	Got	

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

Passed all tests! ✓



```c
/*
 * Complete the 'minDiff' function below.
 *
 * The function is expected to return an INTEGER.
 * The function accepts INTEGER_ARRAY arr as parameter.
 */
#include<stdio.h>

int cmp(const void* a, const void* b){
    return (*(int*)a-*(int*)b);
}

int minDiff(int n, int* a)
{
    qsort(a,n,sizeof(int),cmp);
    int s=0;
    for(int i=0;i<n-1;i++){
        int c=a[i] - a[i+1];
        if(c<0)
        s-=c;
        else
        s+=c;
    }
    return s;
}

```



	Test	Expected	Got	

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

Passed all tests! ✓