

Section: Week-13-Passing Array x

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REC-CIS MANISHA M 2024-CSE M2

Week-13-Passing Arrays and Strings to Functions

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Assessment-12-Recursive Functions Assessment-13-Passing Arrays and Strings to Functions

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Attempts allowed: 4

This quiz has been configured so that students may only attempt it using the Safe Exam Browser.

Time limit: 1 hour 30 mins

Grading method: Highest grade

Your attempts

Attempt 1

Status Finished

Started Friday, 17 January 2025, 1:36 AM

Completed Friday, 17 January 2025, 1:45 AM

Duration 8 mins 57 secs

[Review](#)

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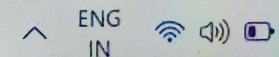
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Reset answer

```
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 totsum=0;
11     for(int i=0;i<arr_count;i++)
12     {
13         totsum+=arr[i];
14     }
15     int leftsum=0;
16     for(int i=0;i<arr_count;i++)
17     {
18         int rightsum=totsum-leftsum-arr[i];
19         if(leftsum==rightsum)
20         {
21             return i;
22         }
23         leftsum+=arr[i];
24     }
25     return 1;
26 }
27
28
```

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

Passed all tests! ✓



Answer: (penalty regime: 0 %)

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     {
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! ✓

Reset answer

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

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

Passed all tests! ✓

Finish review