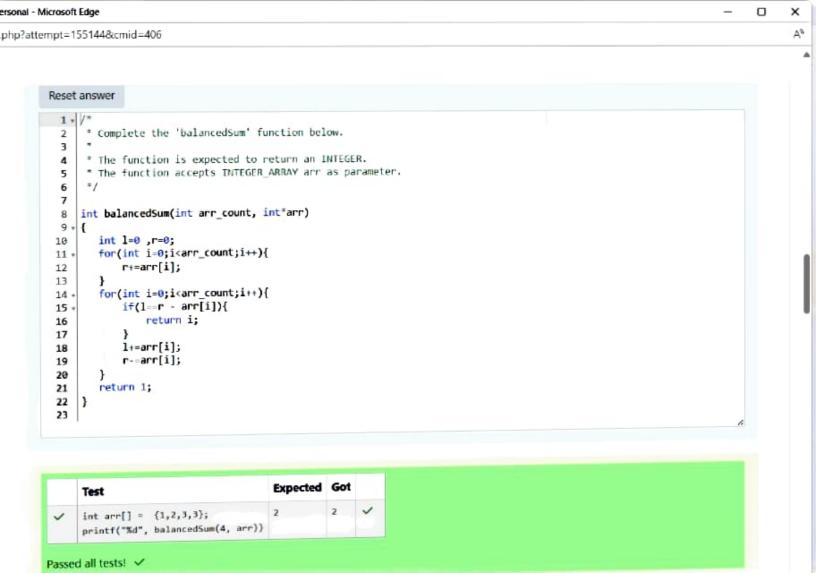
Question 1 Correct Y Flag question	Given an array of numbers, find the index of the smallest array element (the pivot), for which the sums of all elements to the left and to the right are equal. The array may not be reordered.
	Example
	arr=[1,2,3,4,6]
	 the sum of the first three elements, 1+2+3=6. The value of the last element is 6. Using zero based indexing, arr[3]=4 is the pivot between the two subarrays. The index of the pivot is 3.
	Function Description
	Complete the function balancedSum in the editor below.
	balancedSum has the following parameter(s): int arr[n]: an array of integers
	Returns:
	int: an integer representing the index of the pivot
	Constraints



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				•
Question 2 Correct	Calculate the sum of an array of integers.			
P Flag question	Example			
	numbers = [3, 13, 4, 11, 9]			
	The sum is 3 + 13 + 4 + 11 + 9 = 40.			
	Function Description			
	Complete the function arraySum in the editor below.			
	arraySum has the following parameter(s):			
	int numbers[n]: an array of integers			
	Returns			
	int: integer sum of the numbers array			
	Constraints			
	$1 \le n \le 10^4$			
	1 ≤ numbers[i] ≤ 10 ⁴			

Answer: (penalty regime: 0 %)

Reset answer

```
1 - /"
     * Complete the 'arraySum' function below.
 2
     * The function is expected to return an INTEGER.
     * The function accepts INTEGER_ARRAY numbers as parameter.
     "/
 7
    int arraySum(int n, int "numbers)
 9
        int totalsum=0;
10
        for(int i=0;i<n;i++)(
11 -
            totalsum+=numbers[i];
12
13
        return totalsum;
14
15
16
```

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

Correct

Flag question

Questian 3

Answer: (penalty regime: 0 %)

```
Reset answer
```

```
1 . /*
       Complete the 'minDiff' function below.
 2
 3
     " The function is expected to return an INTEGER.
 4
     * The function accepts INTEGER ARRAY arr as parameter.
 5
     ./
 6
 7
    int minDiff(int n, int* arr)
 8
9 ,
        int sum-0;
10
        for(int i=0;i<n-1;i++){
11 .
12 .
            for(int j=0;j<n-1;j++){
                 int flag=1;
13
                if(arr[j]>arr[j+1]){
14 -
                     int temp=arr[j+1];
15
                     arr[j+1] arr[j];
16
                     arr[j]=temp;
17
18
                if(flag==0)
19
```

