Programming using C

week13 practice session and coding

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better 1.	Given an acrey of muration, find the index of the straight story, illement play played the straight story illement to the light and no the right and equal. The acrey may not be recordered.	
Seed		
Acc	Saingle	
	arr [12,54,5]	
	21 (14.04)	
	the sum of the for these observers, 9-2-1 i.C. The value of the list allerser is G	
	 Listing two based indivining, and [ii] of it the place the move in the two in distinstitute. 	
	The index of the proof is it.	
	Runtion Description	
	Complete the function billened sign in the editor below	
	Bullaced Gurs Not the following parameter (c	
	int actify: an array of integers	
	- Hesteric	
	let an integer representant the index of the place	
	Constraints	
	2 and 189	
	= $1 \le \sup\{z \ge 10\}$, where $0 \le z \le n$	
	Tit cyanteed that a station sleage evint.	
	THE GAMMENT THE A STATEMEN SHAPE PRINTED.	
	Viguel Formul for Custors Relact	
	Tigant from Intilia will be processed as follows and passed to the function.	
	The first line contains an interger is, the late of the array are	
	Each of the east is liver contains a transport arrif, where 0 x i < x.	
	Sample Case 0	
	Sample Input 0	
	STDN Function Functions	
	inc. securities	
	4 - 40 (00 a) 4	
	1 - 40 [.2.1]	
	Sample Cutput 0	
	3	
	Equipmed on 8	
	Application 8	
	The support the first two elements, (+2)-2 The value of the last element is 2.	
	Using their based indexings, sm[2]. It is the placet between the two subantups.	
	The index of the pixel is 2.	
	191 2 Pt 21 Value 81	

	Test	Expected	Got	
~	<pre>int arr[] = {1,2,3,3}; printf("%d", balancedSum(4, arr))</pre>	2	2	7

Sample Output 1

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susbert - [3, 13, 4, 11, 9] The sum is 3 + 13 + 6 + 11 + 9 : 68. Function Decorption Complete the function analytics in the editor below. armySum has the following parameter(c) int number((c) an army of integers Returns let lettiger sum of the numbers array t a n a 10^6 t a numbero Ξ a 10^6 Input Former for Curtons Testing The fact line contains an integer n, the size of the array wurders. Each of the sext n lines contains an integer murster(s) where $0 \le i \le n$ \$70N Function

5 - number(2 title s : 5
1 - number(1, 2, 3, 4, 5) Sample Corport 0 15 Explanation 0

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Test
<pre>int arr[] printf("%</pre>
ts!

Correct trifleg Given an array of n integers, rearrange them so that the sum of the absolute differences of all adjacent elements is minimized. Then, compute the sum of those absolute differences. Example n = 5 arr = [1, 3, 3, 2, 4] if the list is rearranged as arr = [1, 2, 3, 3, 4], the absolute differences are [1 - 2] = 1, [2 - 3] = 1, [3 - 3] = 0, [3 - 4] = 1. The sum of those differences is [1 + 1 + 0 + 1 = 3]. Function Description Complete the function minDiff in the editor below, minDiff has the following parameter: arr. an integer array Returns: nit: the sum of the absolute differences of adjacent elements Constraints $2 \le n \le 105 \ 0 \le arrij[s \le 100]$ where $0 \le i < n \le 100$ where $0 \le i < n \le 100$ in liquid Format For Custom Testing and Tools (as a straints) and integer that describes arriting the same of the absolute of the following in lines contains an integer that describes arriting the same of the absolute of the same of the absolute of the same of the absolute of the same of th

Answer: (penalty regime: 0 %)

	Test	Expected	Got	
~	int arr[] = (5, 1, 3, 7, 3); printf("%d", minDiff(5, arr))	Б	ń	~

Passed all tests! ✓

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