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D	PETAILS SERVICE SOURCE STORY	
93BK	PETAILS Name Color Abrascio A	~0°38
	NETRAVATHI HOSAMANI) `
cs	Roll Number 35 38 55 55 38 55 55 55 55 55 55 55 55 55 55 55 55 55	(
R13CS	3BR23CS109	BRIS
E,	3BR23CS109 SXPERIMENT Title MINIMUM ARRAY SUM Description Description	,
3		2
S	MINIMUM ARRAY SUM	3051
	CET ART SOM	•
SO BERT	Description of the second of t	28
59	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	10° 3°
^<	* Change any two integers from the array and calculate their average	
5R23C51	* If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it.	3BR23
	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the	
55,09 35	array by performing the above operations.	15
5	Note: An exact average should be calculated, even if it results in a decimal.	230515
0-		
SO 3BRIT	input1: An integer value N, representing the size of the array A.	38
20,	input2: An integer array A.	70938
	C Surpar i Simula	
5R13C51	Return an integer value, representing the minimum possible sum of all the elements in the array by	23
<i>b</i> ,	Sample Input	3BR23
3	5 12345	
5,093	Correla Outros	600
		105
3BRV3		
30	Source Code: 350 300 300 300 300 300 300 300 300 300	1038 B
	Source Code.	0
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	AREA STORY OF STORY O	~\$
	Source Code: 344225510 344235510 34	RES OF THE PERSON OF THE PERSO
		5

```
def min_sum(arr):
       arr.sort(reverse=True)
       total = arr[0]
       avg = arr[0]
       for i in range(1, len(arr)):
           if arr[i] < avg:</pre>
               break
           total += arr[i]
           avg = (total) / (i + 1)
       return total
   n = int(input())
   arr = list(map(int, input().split()))
   result = min_sum(arr)
                                                                                                       1 09 38<sup>6</sup>
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```