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51.038	STUDENT REPORT	^
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	tle Committee Co	,
63BR23C	KPERIMENT, 63 to 3 t	53°
	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	
^	* Choose any two integers from the array and calculate their average.	
R13C51	* 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.	3R23
51,638	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations.	
5	Note: An exact average should be calculated, even if it results in a decimal.	S
,	Input Format:	
63BR236	input1: An integer value N, representing the size of the array A.	0
6	input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format:	03,
	Output Format:	
R13C51	·	(
22,3	Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input	822°3
	Sample Input	
51038	5 1 2 3 4 5	Α.
35^`	Sample Output	Es Ne
)
38223		
30	Source Code: 3Hth 25-10-3Hth 25-	686
	Source Code: 3442,3551,6344,3551,63	A STORY
		c Sark

```
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)
                                                                                                        ABEL 3C'
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```