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16 3B	STUDENT REPORT	^
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3	Description 6 38 Pt 3 CS 016 3 Pt 2 CS 016 3	1038
	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	
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2230501	* 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.	3223
:501038	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the	
50'	Note: An exact average should be calculated, even if it results in a decimal.	50
	Note: An exact average should be calculated, even if it results in a decimal.  Input Format:	
63BR23		
38/	input1: An integer value N, representing the size of the array A.	30
	input1: An integer value N, representing the size of the array A.  input2: An integer array A.  Output Format:	)
2	output Formut.	
23050	Return an integer value, representing the minimum possible sum of all the elements in the array by	00
8-1	Return an integer value, representing the minimum possible sum of all the elements in the array by  Sample Input	3R
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507638	12345	^
50	Sample Output	in the second
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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)
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```