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63BR23	SERVINENT STATE OF THE STATE OF	o,
0	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	10000 of
2	* Choose any two integers from the array and calculate their average.	¢
R13ECO	* 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.	6 3BRV.
38	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.	6
£002638	Note: An exact average should be calculated, even if it results in a decimal.	SECO.
	Input Format:	,223
6 3BR23	input1: An integer value N, representing the size of the array A.	
63,	input2: An integer array A.	:c0263
	Output Format:	, C
3R13ECO	Return an integer value, representing the minimum possible sum of all the elements in the array by	_0
321	Sample Input	10 3BRIG
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	Sample Output	Bill Sold
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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)
                                                                                                      1 26'3 AR 23E'
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```