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(ec.	TEMPBTech-CSE039	EMPBI
Ę	EXPERIMENT OF THE PROPERTY OF	
TEMT	Title Control of the	30
) ´	MINIMUM ARRAY SUM	CSEL
shicsko	TEMPBTech-CSE039 EXPERIMENT Title MINIMUM ARRAY SUM Description Description	
5%.	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	MPBTech
		y,
EMPBI	* 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	K
, ·		£039 (E)
30	Your task is to neip Paul find and return an integer value, representing the minimum possible sum of all the elements in the	
CSE039	Note: An exact average should be calculated, even if it results in a decimal.	&Tech.C.
	Input Format:	ॐ`
RBTech	input1: An integer value N, representing the size of the array A.	MR
<i>y</i> ,		SOLEMP
£039	output Format.	
5030	Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input	echicsEC
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LEMP	5	5
Z.C.	Source Code: Thin the feeting state of the	CASE OF
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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 %
               08/6
```