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KIBJ'S	STUDENT REPORT	, C
DÊ	ETAILS Name Students St	NB2
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.√ [©] R	Roll Number 3 KUB23CSE032	
5035	KUB23CSE032	UBI
		SV.
N.	MINIMUM ARRAY SUM	\$ ¹ 30
CSE037 D	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	£032 K
o.(,
52 KUR231	* 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.	FNBJ3C
523C5E0?	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.	
5230	Note: An exact average should be calculated, even if it results in a decimal.	3C5E037
. ♦	Input Format:	5
£037 KJR	input1: An integer value N, representing the size of the array A.	(8)
E	input2: An integer array A.	32 418
S	Output Format.	
LIB ²³ CS	Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input	823C5E
7	5	
,C5E032	1 2 3 4 5 Sample Output	387
	5	5 J. 25 V
TABLE	Source code.	13633E
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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 \%
```