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223ECO-1	3BR23EC030	BELB
EX	3BR23EC030 (PERIMENT) (PERIM	, ,
S Title	le 33 ⁴ C ^{O'3} 3 ⁴ R ^{O'3} 33 ⁴ CO'3 34 ¹ CO'3	0
	MINIMUM ARRAY SUM	823E
36	COS SERVICES COSOS SE	
0381 1	Description State	, co30 38
	radi is given an array A or length N. He must perform the following operations on the array sequentially.	COL
R23ECO?	* Choose any two integers from the array and calculate their average. * 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	0
21	not update it.	03BR12
,c030 38	array by performing the above operations.	
CO,2	Note: An exact average should be calculated, even if it results in a decimal.	R13ECO
<	Input Format:	,21
03BR235	input1: An integer value N, representing the size of the array A.	3
0	input2: An integer array A.	, co30 35
, c ₀ ;	Output Format:	
KJ3ECO?	Return an integer value, representing the minimum possible sum of all the elements in the array by	03BR2?
		,0
£03038	12345	9
	Sample Output	B. J.
BRIS	5	ľ
S	Source Code: 3Hr ^{1,2} 3H	300
	Source Code: April 2003 April 200	BS.
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	April 1990, 2000, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 1990, 19	23ke

```
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)
                                                                                                        ARL SECOSO SERVICES
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```