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,009 <sup>1</sup> 3 <sup>8</sup> E	MINIMUM ARRAY SUM  Description Dollars ARRAY SUM  ARRAY SUM  Description Dollars ARRAY SUM  ARRAY S	230
,~	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	3BEV3
ූුර	* Choose any two integers from the array and calculate their average.	
3BRIVE C	* 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.	1300097
^	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in	<i>y</i>
130091	the array by performing the above operations.	3BR
,V	Note: An exact average should be calculated, even if it results in a decimal.  Input Format:	39 <sup>7</sup> 3 <sup>BR</sup>
38RE		
09713	input2: An integer array A.	BENZCE
	Output Format:	,8 <sup>R</sup>
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SERVACIO	Sample Input	chool
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500010	12345	-9 <sup>(</sup>
200	Sample Output	\$23889 <sup>1</sup>
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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)
                                                                                                     2cD09138R73C
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 \%
```