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SBR23EC060  EXPERIMENT  Title  MINIMUM ARRAY SUM  Description  Description  Paul is given an array A of length N. He must perform the following Operations on the array coquentially:	382
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MINIMUM ARRAY SUM	,000
MINIMUM ARRAY SUM	BRISE
Description  Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	
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radi is given an array A or length N. He must perform the following operations on the array sequentially.	Scor
* 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 not update it.	.<
* 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.	d 38kh35
Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the	,9
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.  Note: An exact average should be calculated, even if it results in a decimal.	c o'c
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Input Format:	
input1: An integer value N, representing the size of the array A.  input2: An integer array A.	,03E
	£060 38
Output Format:	
Output Format:  Return an integer value, representing the minimum possible sum of all the elements in the array by  Sample Input	303BR135
	50'5
5 12345	(~
5 1 2 3 4 5 Sample Output	A Company of the Comp
5	255
Source Code: 2 <sup>12</sup> 2 <sup>2</sup>	A Company
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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)
                                                                                                      -8423EC06038EC
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```