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3R23CD0	Roll Number	0
3R.1	3BR23CD015	38R
E	EXPERIMENT, 15 3600 15 442 15 3600 15	
CDONTI	itle 3CD 3RRAY SUM ARRAY SUM	20-
C	MINIMUM ARRAY SUM	22301
0	3640, 3440, 51/23, 3240, 3440, 51/23,	
(63BR)?	3BR23CD015 SKPERIMENT Title MINIMUM ARRAY SUM Description Description Description Description Minimum an array A of length N. He must perform the following Operations on the array acquestion.	, 60°
	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	,00153
-00	* Choose any two integers from the array and calculate their average.	
SR23CDO	* 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.	38R2
, %	Your task is to neip Paul find and return an integer value, representing the minimum possible sum of all the elements in the	
CDO15 35	Note: An exact average should be calculated, even if it results in a decimal.	23000
	Input Format:	20
22.	input1: An integer value N, representing the size of the array A.	4
(5 3BRV.	input2: An integer array A.	00/200
	Output Format:	, o
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3223	Sample Input	3BR22
	2 5)
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CO	Sample Output	A STORY
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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)
                                                                                                    38R23C101538
 print(result)
5 / 5 Test Cases Passed | 100 %
```

RESULT