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Tit	tle MINIMUM ARRAY SUM Shape of the state o	, (
, S.	MINIMUM ARRAY SUM	,cs`
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513BR236	Description of the second of t	38
2,	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	2,
~ <	* Choose any two integers from the array and calculate their average.	
3R23C51C	* 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.	8R23
.8	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the	
,c510138	array by performing the above operations.	675
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J 3BR23	input1: An integer value N, representing the size of the array A.	138
2)	input2: An integer array A.	2,
515	output Formut.	
3R23C51C	Return an integer value, representing the minimum possible sum of all the elements in the array by	2823
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C510138	5 12345	0
,5^	Sample Output	550
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3BR23		.8
,5	Source Côde: April 2013 April 201	338g
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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)
                                                                                                        28 R22 C5 OT 38 R23 C
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```