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05405	STUDENT REPORT	
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E	SEAN OF THE MOST BITTER OF THE MOST OF THE	181
9	MINIMUM ARRAY SUM	SAOS'
312ADSAS	EXPERIMENT TO THE PARTY SUM TO THE PARTY	, 2 ^h
b`	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	2281
- 9	* Choose any two integers from the array and calculate their average.	
,05.T 22.S	* 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.	x05405
2812405	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.	ĸ ^V
2811	Note: An exact average should be calculated, even if it results in a decimal.	281
	Input Format:	
5405-17	input1: An integer value N, representing the size of the array A.	
5403	input2: An integer erroy A	SAC
	mpate. 7 in moger and 7 is	2ADSA0
2281245	Output Format:	
228/1	Return an integer value, representing the minimum possible sum of all the elements in the array by	22
	Sample Input	5. 728
,D5A05-1	5 12345	
,D51x	Sample Output	478
	5	BANAR
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`V	Source Code: \[\frac{1}{2}\text{B12405405.7.2} \] \[\frac{1}\text{B12405405.7.2} \] \[\frac{1}{2}B	ARRIGA
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	228, 2802 Jan Magan Make	187

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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)
                                                                                                        1.05A05. 1.2A12.05A05.
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```