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	MINIMUM ARRAY SUM	235
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, A 3BR235	3BR23EC044 XPERIMENT A 3BR23EC044 MINIMUM ARRAY SUM Description A 3BR23EC04A A 5BR23EC04A A 3BR23EC04A A 3	COAAS
	Paul is given an array A or length N. He must perform the following operations on the array sequentially.	Con
R13ECOA	* Choose any two integers from the array and calculate their average.	
72)°3	* 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.	A 3BR2?
	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the	×
ECOAA 3P	array by performing the above operations.	-0
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*A 3BR235	input1: An integer value N, representing the size of the array A.	, D.
	input2.741 integer undy 7.	COAA
3R13ECOA	Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by	
223	Sample Input	A 3BR2
	Sumple input	×
ECOAA 3P	12345	
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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)
                                                                                                     -BR23ECDAA3BE
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```