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KI 38KI	3BR23CD042 (PERIMENT AND ARRAY SUM) Description No. He must perform the following Operations on the array sequentially:	W.
ř	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	,
3823500	* Choose any two integers from the array and calculate their average.	_c
3R25	* 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.	382
Q.S.	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the	
SCHOAL	array by performing the above operations.	COC
,	Note: An exact average should be calculated, even if it results in a decimal. Input Format:	, ,
223	•	
A23BR223	input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Formati	22
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8Per	Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input	38
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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)
                                                                                                              38R23CD0123R
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```