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EXPERIMENT 3 HE Title MINIMUM ARRAY SUM Description LEGO LAND 3 HE LOO	50°
MINIMUM ARRAY SUM	
Title MINIMUM ARRAY SUM Description Descr	5€
Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	
* Choose any two integers from the array and calculate their average. * 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.	EE
Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the	
Note: An exact average should be calculated, even if it results in a decimal. Input Format:	`
Input Format:	
input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A.	<
input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format:	V3
Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input	0
Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input	0
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5 1 2 3 4 5 Sample Output	Ý,
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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 KU3/3 EEE
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
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