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3R23CD01	3BR23CD005
EX	3BR23CD005 (PERIMENT) Ie MINIMUM ARRAY SUM Description Descriptio
500	le AND STATE OF STATE
233	Description of April 23 the Action of the April 2005 and April 200
0,0	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:
200	* Choose any two integers from the array and calculate their average.
3R23CD01	* 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.
choos 35	Your task is to nelp Paul find and return an integer value, representing the minimum possible sum of all the elements in the
CDOS	Note: An exact average should be calculated, even if it results in a decimal. Input Format:
	Input Format:
So BRANG	input1: An integer value N, representing the size of the array A.
2	input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format:
-00	Output Format.
R13cD01	Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input
	Sample input
;00053 ⁶	12345
200	1 2 3 4 5 Sample Output 5
000	5
38R23	Source Code: 34 kt. 35 Clock
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	3Hr 3Cl Cot 3Hr V Cl Cot 3Hr V Cl Cot 3Hr V Co Cot 3Hr V Co Cot 3Hr V Co Cot Shr V Cot
	Berger Const.

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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)
                                                                                                     38R23C100538
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```