03235	STUDENT REPORT
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23°	3BR23CD032
E)	(PERIMENT, 3) 38 COO3 AREA SCOO3
38R 1	Description 30 38 50 38 50 30 30 30 30 30 30 30 30 30 30 30 30 30
	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:
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13000	* 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.
037 35	Your task is to neip 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:
38223	input1: An integer value N, representing the size of the array A.
	input1: An integer value N, representing the size of the array A. input2: An integer array A.
c	Output Format:
13CD05	Return an integer value, representing the minimum possible sum of all the elements in the array by
V	Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input
	5
~3 ² 3 ³	12345
1037 35	1 2 3 4 5 Sample Output 5
3BRI 3	Source Code: 34 EP 3 CD 3 A 3
	3Hr/3CD21 3Hr/3CD31 3Hr/3C

```
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)
                                                                                                               38R23CD0323R2236
   print(result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```