88 ²	YASHWANTH CH
300	Roll Number 3 3 5 5 7 7 3 3 5 5
EX Titl	Operation of the state of the s
b*	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:
CON	* Choose any two integers from the array and calculate their average.
3007	* 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.
o1 35	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations.
(0 ¹ 33)	Note: An exact average should be calculated, even if it results in a decimal.
(
BRIS	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. Output Format:
^<	Output Format:
30075	Return an integer value, representing the minimum possible sum of all the elements in the array by
	Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input
3	5
07 38	12345
BRIS	
\$	Source Code: 38 Pt. 32 Ct. 10 1

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