DLogo St.	
STUDENT REPORT	ر م
DETAILS Name 3003 3442 30	3
Name 3CD 34 April 13	037 ?
J NANDIT NA	o c
3BR23CD031	3BRIV
EXPERIMENT STORY SUM ARRAY	c,D ^C
MINJIMUM ARRAY SOM	3
Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	33 ⁷ 3
* 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.	BRI
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:	300
Input Format:	
input1: An integer value N, representing the size of the array A.	o-
input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Formati	33
Output Format.	
Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input	BRI
og 5	
5 1 2 3 4 5 Sample Output	Q
5	3000
Source Older	_ <
Source Code: 3442 CD31 34	100 mg
Source Code: 36 PL 20 CD 21 38 PL 2	A Comment of the Comm
3HEV? SON SHEV? COOL SON SHEV? COOL SON SHEV? SON SHEV.	

```
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 %
```