	DLogo St.	
5CD03A38	ETAILS Name School Service	
2000s	THE STATE OF THE S	305
_	203 ^M 20	3R.
DE	ETAILS SE COST CARPET COST CARPET COST CARPET COST	
36	ETAILS Name SCIONANA SERVACIONA	-003A
À	N AIVIDINA	C _v
3R23CD0	Roll Number 25 25 25 25 25 25 25 25 25 25 25 25 25	_(
38	3BR23CD034	A 3BR
ΕX	(PERIMENT 3 2003) ART 3000	2
Titl	le 23 ²⁰ 28 ²¹ 203 ² 23 ²⁰ 23 ²⁰	c.S
50*	MINIMUM ARRAY SUM	3R230
3 A REPORT	COOL 38KJ	
BR I	3BR23CD034 (PERIMENT 3 A SHELL SCHOOL A SHELL SCHO	3A
,5	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	CD03A
600	* Choose any two integers from the array and calculate their average.	
3R23CD0	* 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.	3A 3BR
36	array by performing the above operations.	
,00343	Note: An exact average should be calculated, even if it results in a decimal.	3R13CD
	Input Format:	p
3A 3BR12	input1: An integer value N, representing the size of the array A.	(
30	input2: An integer array A.	CD03A
c c	Output Format:	
3R13C105	Return an integer value, representing the minimum possible sum of all the elements in the array by	2)
26	Sample Input	3 A 3 B R
ું જુ	5	
, CD03A38	12345	
	3	A CONTRACTOR OF THE PARTY OF TH
3BR23		
381	Source Code: 3842 3C10 3A 3H2 3A 3A 3H2 3A 3A 3H2 3A 3A 3H	C.A.
	Source Code:	
	Attended to the state of the st	
	3 Arrivariant State of the stat	Sales Contraction of the Contrac
	Source Code: 3HR13CD3A3HR13CD	N.S.
	Source Code: 34 Hr. 35 CD 3 A 34 Hr. 35	_(
	A COLOR MARKET COL	A BOOK
		ST.

```
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)
                                                                                                      . 38223C103A38
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```