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CD0138223	38R23CDV 20013R	STUDENT RE	PORT	0001 3BRiv 223C	3BR2	3000
DETAILS Name	38R13CDO138R13CDO138	20101 38R2 3CD0 1 38R2 3CD	EPORT	38k135C100134k123C	34k23C100138k	38R23C
Name 30	3BR1 001	23CV	18R 000	13CV	3BR1	cooo^
A BRAMHAYYA AC Roll Number 3BR23CD001	naki	S	^3 ^V		n ³³	3
EXPERIMENT OF THE MINIMUM ARRAY SU	MOO1 38223CDOO1 38223CDOO1 38	5000 38R23C001 38R23C00	2136101382136	200 ³ 38 ² 1 ³ C ⁰	38R13C10013BR1	3cho13*
Description Description	M 38R23	-000,34H33CDC	27350001388273	001 38223C	38R23CDU	101 38 R23
r dur is given an an	ray A of length N. He must p	erform the following Op	perations on the a	rray sequentially:		30000
CO	ntegers from the array and o					
* If an element is le not update it.	ess than the average, update	e it to 0. However, if the	element is greate	r than or equal to the	average, he need	301 3BR
0.1	Paul find and return an integrations.	eger value, representing	the minimum pos	ssible sum of all the e	elements in the	
Note: An exact ave	erage should be calculated, e	even if it results in a dec	cimal.			,8R23C
Input Format:						,>
input1: An integer input2: An integer	value N, representing the siz	e of the array A.				^
	array A.					3CD001
Output Format:	and the second s		Laboro Lorro cua e tora	de e como de la como de		
Output Format: Return an integer v Sample Input	alue, representing the minin	num possible sum of al	i the elements in t	пе аггау бу		,013BR
						,0'
5 1 2 3 4 5 Sample Output						c 9
Sample Output						
Source Older						6
Source Code:	38R13 3RR13C10013T	1.38R23CD0.35	3BR23CDO	13 200 ¹ 38R ² 3CD ¹		A CONTRACTOR OF THE PARTY OF TH
ng phr	38R ²³ C1001 38R ²³ C1001 38R ²³ C100	1.38 R.13 C.100 R.10 R.10 R.10 R.10 R.10 R.10 R.10	choo, school she	AND THE PROPERTY OF THE PARTY O	Barre	EN PART OF THE PERT OF THE PER
	3BELY 3ERV3EDOO'S	200, 38k13CD	J. Jakir	BANNE STREET	D. Salaharin	

```
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)
                                                                                                     38223CD0138
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```