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Sto	STUDENT REPORT
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	A.Mallikarjuna
23F	Roll Number + GEO UB2 100 TO 335 TUBE GOOD BY
28 F7853.	KUB23CSE008
	F1185, CF108, 352FG F1185, C2F100, 118535, 508 FD 352FG F118535,
FY	PERIMENT OF LIBERT OF LIBE
S Titl	PERIMENT CELOS LUBA CE
N	MINIMUM ARRAY SUIM
4NB	MINIMUM ARRAY SUM Description FLOR LUB 13 CELOR LUB 13 C
3608 KU8	Sescribrion 12, 160 53, 184 (St. 118), 185, 185, 185, 185, 185, 185, 185, 185
	radi is given an array A or length N. He must perform the following Operations on the array sequentially.
KJB23C6	* Choose any two integers from the array and calculate their average.
, KUB	* 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.
00	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the
13C5E008	array by performing the above operations.
V	,0°
187	
008 F18	input1: An integer value N, representing the size of the array A. input2: An integer array A.
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S	Output Format:
JB23C5E	Return an integer value, representing the minimum possible sum of all the elements in the array by
	30
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CSEOU	Sample Output
KNB53	
t _o	Source Code: LUB 23 CELO 8 LU
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	Source Code: LUB 23 C5 E1008
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	Source Code: LUB 13C-SE DO B
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```
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)
                                                                                                              -C5E008 NUBP3C
    print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```