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DE	ELogo STUDENT REPORT  TAILS  HEMANTH KUMARA D  Roll Number 25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Roll Number 35 35 30 35 35 35 35
52.23C101	3BR23CD028
EX Tit	PERIMENT  Le  MINIMUM ARRAY SUM DOLD SERVICED SE
L	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:
207	* Choose any two integers from the array and calculate their average.
8R13CD07	* 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.
CD028 38	four task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by
CDO	Note: An exact average should be calculated, even if it results in a decimal.  Input Format:
	Input Format:
38273	input1: An integer value N, representing the size of the array A.
18	input2: An integer array A.
-9	Output Format:
82236107	Return an integer value, representing the minimum possible sum of all the elements in the array by
88	Return an integer value, representing the minimum possible sum of all the elements in the array by  Sample Input
28	5
,c0028 38	1 2 3 4 5
,9	1 2 3 4 5  Sample Output  5
38273	5 Σ <sup>ν</sup>
, S	Springe code.
	382 <sup>13</sup> 382 <sup>13</sup> 200 28 20 20 20 20 20 20 20 20 20 20 20 20 20

```
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 %
```