Return an integer value, representing the minimum possible sum of all the elements in the array by

**Output Format:** 

Sample Input

**Sample Output** 

Source Code:

5 1 2 3 4 5

```
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)
                                                                                                                "CSEOA6 KUB23"
    print(result)
RESULT
  5 / 5 Test Cases Passed | 100 \%
 N823
```