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

RESULT