

2,0

ABEBBURD BRABEBBURD BRABBBURD BRABBB

CARRABLE BOLD ON HER 2 BE BOLD ON HER 2 BY

35CD010 38R23CD010 38R22CD010 38R23CD010 38R22CD010 38R22CD010 38R22CD010 38R22CD010 38R

STUDENT REPORT

DETAILS

NAVITHA

Roll Number C

3BR23CD010

EXPERIMENT

Title

MINIMUM ARRAY SUM

Description

Paul is given an array A of length N. He must perform the following Operations on the array sequentially:

* Choose any two integers from the array and calculate their average.

3886

0,0

* 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.

Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations.

Note: An exact average should be calculated, even if it results in a decimal.

Input Format:

input1: An integer value N, representing the size of the array A.

input2: An integer array A.

Output Format:

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

38R23CD010 38R23CD010 38R23CD01

38R23CD01038R23CD0103D

2010 38R23CD010 3R23CD010 3R223CD010 3R220CD010 3R20CD010 3R20CD010 3R20CD010 3R20CD010 3R20CD010 3R20CD010 3R2

Sample Input

12345

Sample Output

3BR235 38R23CD0103BR23-Source Code: 3882

```
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 %
```