

STUDENT REPORT

501

DÉTAILS .

KAVANA K

Roll Number 🔷

3BR23CS079

EXPERIMEN

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.
- * 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.

3CS019 3BR23CS019 3BR23CS019

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

Sample Input

12345

Sample Output

38R23 Source Code: 3BR2:

oto 3BR23CSOTO 3BR23CSOTO 3BR23CSOTO BRAZACSOTO BRAZACS https://practice.reinprep.com/student/get-report/1f8879b0-7bb7-11ef-ae9a-0e411ed3c76b

```
3BR23CS079-Minimum Array sum
    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())
                                                                                                       1938223C5 2C501938223C5.
    arr = list(map(int, input().split()))
    result = min_sum(arr)
    print(result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```