



STUDENT REPORT

DETAILS

Name

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Roll Number

22B124ME472-T

EXPERIMENT

Title

SALT AND PEPPER

Description

Problem Statement:

In a quaint village nestled between rolling hills, there were N different salt containers and N different pepper containers in two separate groups. Each container had a specific level of bitterness, represented by arrays A and B respectively. The task at hand was to form N combinations, each consisting of one salt container and one pepper container. However, there was a twist to the challenge. The objective was to arrange the combinations in such a way that the maximum bitterness level, which is the sum of salt and pepper quantities in each combination, was minimized. Print the lowest possible maximum bitterness level.

Input Format:

The first line contains a single integer N, the number of salt and pepper containers in each group.

The second line contains N space-separated integers, denoting the bitterness level of N salt containers.

The third line contains N space-separated integers, denoting the bitterness level of N pepper containers.

Sample Input:

3
1 3 5
2 8 6

Sample Output:

11

Source Code:

```
n=int(input())
a=list(map(int,input().split()))
b=list(map(int,input().split()))
mx=0
for i in range(n):
    s=a[i]+b[i]
    if mx
```

RESULT

0 / 5 Test Cases Passed | 0 %