

Paisa Challenge

Submitted Code

Language: Java 8

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```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         Scanner sc=new Scanner(System.in);
11         int n=sc.nextInt();
12         int [] ar1=new int[n];
13         int[] ar2=new int[n];
14         int sum1=0;
15         int sum2=0;
16         int num_of_ones1=0;
17         int num_of_ones2=0;
18         int lowest=0;
19         for(int i=0;i<n;i++)
20         {
21             ar1[i]=sc.nextInt();
22             sum1 += ar1[i];
23             if(ar1[i]==-1)
24             {
25                 num_of_ones1++;
26                 sum1++;
27             }
28         }
29         for(int i=0;i<n;i++)
30         {
31             ar2[i]=sc.nextInt();
32             sum2 += ar2[i];
33             if(ar2[i]==-1)
34             {
35                 num_of_ones2++;
36                 sum2++;
37             }
38         }
39         if(sum1==sum2)
40         {
41             System.out.println(1);
42         }
43         if(sum1<sum2)
44         {
45             lowest=1;
46         }
47         else
48         {
49             lowest=2;
50         }
51         if(num_of_ones1==num_of_ones2)
52         {
53             System.out.println("Infinite");
54         }
55         else if(num_of_ones1<num_of_ones2)
56         {
57             if(lowest==1)
58             {
59                 System.out.println(0);
60             }
61             else
```

```
62     {
63         if(num_of_ones2==2)
64         {
65             int diff=sum1-sum2;
66             System.out.println(diff+1);
67         }
68         else
69         {
70             System.out.println(1);
71         }
72     }
73 }
74 else if(num_of_ones1>num_of_ones2)
75 {
76     if(lowest==1)
77     {
78         if(num_of_ones1==1)
79         {
80             System.out.println(1);
81         }
82         else
83         {
84             int diff=sum2-sum1;
85             System.out.println(diff+1);
86         }
87     }
88     else
89     {
90         System.out.println(0);
91     }
92 }
93 }
94 }
95 }
```