 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 5</b>	<b>Name : Pushti Depani</b>	
<b>Day : 66</b>	<b>Date : 22/12/2022</b>	<b>Enrollment No: 92000133018</b>

## CP Club 365Days Challenge

Programming language – Any language


### Problem Statement

[https://practice.geeksforgeeks.org/problems/equilibrium-point-1587115620/1?page=1&curated\[\]=1&sortBy=submissions](https://practice.geeksforgeeks.org/problems/equilibrium-point-1587115620/1?page=1&curated[]=1&sortBy=submissions)

#### **Your Code:**

```
def equilibriumPoint(self,A, N):
    # Your code here
```

```
for i in range(N):
    s1=0
    for j in range(i):
        s1=s1+A[j]
    s2=0
    for j in range(i+1,N):
        s2=s2+A[j]
    if s1==s2:
        return i+1
    # if(s1==s2):
    #     s2-=A[i]
    #     return i+1
    # s1+=A[i];
return -1
```

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## Output (Screen Shot):

Output Window

Compilation Results

Custom Input

Compilation Completed

For Input:  

5


1 3 5 2 2

Your Output:

3

Expected Output:

3

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## Output Window — ×

**Compilation Results** Custom Input

### Runtime Error

Test Cases Passed:

**108** /210

Time Limit Exceeded

Your program took more time than expected. ⚠ Expected Time

Limit : 1.61sec

Hint : Please optimize your code and submit again.

### Understanding about problem:

In this program we are calculating the sum of right hand side and left hand side of every index and at last comparing it and the printing it if not equal then it will print -1.

**Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.**

**ALL THE BEST**

Team CP Club