□ Logo	S
SAFE CALIBERT DEDOST	, ,
Name ACOLA SHELD REPORT STUDENT REPORT STUDENT REPORT STUDENT REPORT STUDENT REPORT SHELD	(05)
Service Second Service	8RJ3C
DETAILS SEE SEE SEE SEE SEE SEE SEE SEE SEE S) [*]
Name 36 COLD 34 FLORING SERVING SERVIN	38
DETAILS Name SERVICES AND SER	1500.
3BR23EC054	2235
3to 3to 3to 3to 3to	5h
EXPERIMENTS SECTION OF THE SECTION O	1
EQUILIBRIUM ACOS ARPLIS ARVINE	of Co's
EQUILIBRIUM	BRIS
EXPERIMENT, A Title EQUILIBRIUM Description	<
Description Description	COPA 38
Tou are given an array A of N integers. An equilibrium position is a position where the sum of all integers on its left is equal to the sum	500
E.	· <
quotes.	A 3BRA 35
The array is 1 indexed.	, 📐
Input Format:	Ś
Input Format:	,R23EcO5
The input consists of two lines:	,*
The input consists of two lines: The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.	300
The second line contains N space-separated integers denoting the elements of the array A.	,c05A38
Input will be read from the STDIN by the candidate	
Input will be read from the STDIN by the candidate Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	235
Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	, A 3BR 134
Sample Input	
Sample Input 5	L. CAN
24733	F692
Sample Output	
3	25822
	SON STREET
Source Code: 3450 3450 3450 3450 350 350 350 350 350 350 350 350 350 3	.<
Story	A REPERT
Source Code: 34 CO Sample Output 3 Source Code: 34 CO Sample Output 3 Repair Color A 34 Repair Color	3380°
The state of the s	<u>~</u>
A STATE OF THE STA	392 A.
Service Control of the Control of th	18 BE

```
def find_equilibrium_position(N, A):
       total_sum = sum(A)
       left_sum = 0
       for i in range(N):
           right_sum = total_sum - left_sum - A[i]
           if left_sum == right_sum:
               return i + 1
           left_sum += A[i]
       return "NOT FOUND"
   # Input reading
   N = int(input())
   A = list(map(int, input().split()))
   result = find_equilibrium_position(N, A)
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```