	Logo	
,CD0353	ETAILS Name SCHOOLS NAME SCHOOLS	
CDO3	STUDENT REPORT PETAILS Name 3CD 35 3RP 3CD	SCOC
,	38 35 38 38 38 38 38 38 38 38 38 38 38 38 38	2
Ď		
36, 36,	Name and a state of the state o	300
	K ASHWINI	00
3823000		BRZ
ř	SPERIMENT itle EQUÍLIBRIUM Description You 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)
Ę	XPERIMENTS STORY SAFETY COSTS AND STORY STORY SAFETY COSTS AND SAFETY COST	
CDO2, LI	itle 130 35 COS ARTOS ARTOS COS COS COS COS COS COS COS COS COS C	3000
	EQUILIBRIUM ASCO SARO SARO SARO SARO SARO SARO SARO SAR	V
55 3BROS		4
35	Description 25° 43° 40° 40° 40° 40° 40° 40° 40° 40° 40° 40	003535
	You 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) -
8R23CD0		0
382,3	quotes.	3BR2?
	The array is 1 indexed)
, m		(
CDOSS	Input Format:	23000
	♥	
35 3BRV.	The first line contains an integer denoting N.	ć
35	The second line contains N space-separated integers denoting the elements of the array A.	003535
	Input will be read from the STDIN by the candidate	~
3R23CD0		o.
Ber	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3BR2?
	Sample Input)
chossis	5	Ó
CO	0.4700	F. Com
	24733	5
3BR2.	Sample Output	CS.
		Postory.
	Source Code: 3CD 34 PLACED 35 3 PRACED 35)
	Source Code: 3CD 3APA COS STORY CONTRACTOR STORY CONTRACT	9
		R. Colonia
		,
	Source Code: 30 Physical Parts of the Source Code: 30 Physical Phy	a de
		E CONTRACTOR OF THE PARTY OF TH

```
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 %
```