Logo	0.7
DETAILS Name ADS ADAT 2281240 SADAT 2281240	(211 JA) SAC
STUDENT REPORT	12281, PSW
DETAILS 12812405404. The property of the prop	SSAOA' OZBIZA
DETAILS AND AND SAN AND AND AND AND AND AND AND AND AND A	LAN NOATT
DETAILS Name No Substitution of the Control of the	140° 1240° 540 AT 21°
OT INC. IN	<u>^</u>
22BI24DS404-T	2812
22BI24DS404-T	
EXPERIMENT Title EQUILIBRIUM Description Parabosana Telephopsana Tel	A.Z.A.D.S.
EXPERIMENT TO THE ADSAR TO THE PART OF THE	, ADSAO
EQUILIBRIUM SAOAT 22812ADSAOAT	22812. SAOA.
NOWITH THE WAS A TONE OF THE STATE OF THE ST	*OA-1 OB12AD2
EQUILIBRIUM Description Parados Acht Parado	a A. Tall
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
of all integers on its right in the array A. Print the index of the equilibrium position.	
of all integers on its right in the array A. Print the index of the equilibrium position. Note:For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NC quotes.	DT FOUND" without
The array is 1 indexed	,D5h
Input Format:	, × 22812
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.	-1
The second line contains N space-separated integers denoting the elements of the array A.	2 ^{ADS} AO
Input will be read from the STDIN by the candidate	, V
Input will be read from the STDIN by the candidate Output Format:	00
Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3A.T 278
Sample Input	3
Sample Input 5	50
24733	* Fylder
Sample Output	,
$\mathcal{P}^{\mathcal{V}}$ 3	
'V' 5'' 12' N' A'' 18'' 18''	Non Duly Bosh
Source Code: Nost 122 12812NSAD SADAT 22812NSAD SADAT 22812NSADAT	DE PARS
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	NO NE HOLE
Source Code: ADS ADAT 22 BIZADS ADAT	WARE TO THE TOTAL OF THE PARTY
Source Code: 122 State 122	ASAON ARANGA ARA
AND SAN	A PARTY CARREST
220 SAO. SAO. SAO. SAO. SAO. SAO. SAO. SAO.	28 NOT 248 7

```
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()))
                                                                                                   22812AC 22812AC 22812AC
   result = find_equilibrium_position(N, A)
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```