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	ele Parison ser	30.
53BR13C	2062 34Ky 3	
538RV [Description 30 State Color Application State Color Col	, S
2-	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	,00
oor	of all integers on its right in the array A. Print the index of the equilibrium position.	
3R23CD05	Note :For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes.	8P-
	The array is 1 indexed	5
35		
choop 38	Input Format:	300
	and the second s	V
53BR236	The first line contains an integer denoting N.	
55	The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.	005
C	Input will be read from the STDIN by the candidate	
5R-73CDO1	Output Format:	
5R-1	Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	388
20	Sample Input	
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Cv	24733	300
73	Sample Output	
3BR235	3	, (g)
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	Source Code: 300 34 Part of the state of the	ÚΥ.

```
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 %
```