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	equilibrium Description Can turb 3 c sto an	305
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OAK I	Description 300 CANT 3005ED LIBERT SECOND SE	DAAKU
	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	JAK
235	of all integers on its right in the array A. Print the index of the equilibrium position.	
UB235	Note :For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes.	1873CE
	The array is 1 indexed	200
CEOA		1
SEOA	Input Format:	SEOAA
	3 ^C	,
ALJE	The first line contains an integer denoting N.	c
¢.	The second line contains N space-separated integers denoting the elements of the array A.	* KUB2
-<	Input will be read from the STDIN by the candidate	
23°CSY	Output Format:	20
	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	BOSEO
4	Sample Input	
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	24733	PHANSE.
FUB23	Sample Output	
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\$	Source Code: 3C5FL AAA LUB 2C5FL AAAA LU	E E PAS
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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 %
```