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<e<sup>ch: (</e<sup>		061
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200	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	MBELECY
EMPRIE	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 "NOT FOUND" without	,
EWE	quotes.	3EOAO TE
Ž.	The array is 1 indexed.	5
c SEO AO T		Ç
ರೌ	Input Format:	*Techic
~<	The input consists of two lines.	
NPBTech!	The first line contains an integer denoting N.	, AO TEMP
7,	The second line contains N space-separated integers denoting the elements of the array A.	" VOICE.
EN	input will be read from the STDIN by the candidate	
EDADTEN	Output Format:	echics ki
×	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	sch.
S	Sample Input	
Sections	5	SHEWE WE
7	24733	I FEWAY
LEMPE	Sample Output	
	3	, CESTERAL
\$	Source Code: Output Thing the chrostian of things to the contesting of the contesting to the chrostian of	ger"

```
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 \%
```