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63BR135	3BR23EC026 XPERIMENT, Sate of the second of Nictorian and still below as a site of the second of th	77° 38'
	Tou are given an array A of N integers. An equilibrium position is a position where the sum of an integers on its left is equal to the sum	320
R23ECO?	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	/.
223	quotes.	SBR23K
0	The array is 1 indexed.	
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200	c	
63BR235	The first line contains an integer denoting N.	126 38°
	The second line contains it space-separated integers denoting the elements of the array A.	5
RP3ECO)	Input will be read from the STDIN by the candidate	<
Rys	Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3BR234
0	Sample Input	
£002638	5	S
	24733	3690
J ²	Sample Output	
3BR23	3	250
	Source Code: 3ECOV 3BRV3ECOV 3BRV3EC	35
	Sample Output 3 Source Code: 34CO 34RA 34CO 16 34RA 34C	Sept.

```
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())
                                                                                                  (38R13ECO1038R1)
   A = list(map(int, input().split()))
   result = find_equilibrium_position(N, A)
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 \%
```