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303,	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
. 9	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
38235009	Note: For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without
9 c	
38	
CD08038	Input Format: The input consists of two lines:
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803BR231	The input oshisto of the lines.
30	The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.
	Sov.
5R13CD08	
bRI	Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"
28	Sample Input
CD08038	5
5	24733
3BR136	Sample Output
381	3
S	cource Code: 3CD 3APA CODE SAPA CODE
	3th 13ch 3th 13ch 13ch 13ch 13ch 13ch 13ch 13ch 13c
	Source Code: 3CD 3HR 3CD BO 3HR 3
	Sample Output 3 Source Code: ACD ARRANGE ARR
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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 %
```