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313BR13	Description Service Control of the C
3`	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
003	of all integers on its right in the array A. Print the index of the equilibrium position.
8R23CD05	Note: For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes. The array is 1 indexed.
	The array is 1 indexed
\ 3 ⁹	
CDO31 38	Input Format: The input consists of two lines:
51 3BR23	
3	The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.
3R23CD0?	Output Format:
8223	Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"
	Sample Input
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	Source Code: 300 3 ARA 200
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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 %
```