DLogo Christian Christian	<i>P.</i> '
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Description 230' 38th Allow	30 30 30 30 30 30 30 30 30 30 30 30 30 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	ne sum SCA OA
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" wi quotes.	ithout
quotes.	ithout
The array is 1 indexed.	OK
Input Format:	1
Input Format:	3R23CA
The input consists of two lines:	
The input consists of two lines: The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.	SCATOR
The second line contains N space-separated integers denoting the elements of the array A.	5CA10
Input will be read from the STDIN by the candidate	
Input will be read from the STDIN by the candidate Output Format: Driet the index of the equilibrium position If no index is found print "NOT FOLIND"	OA 3BRI
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Sample Input	
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Sample Output	36
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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
 0 / 5 Test Cases Passed | 0 %
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