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/	EQUILIBRIUM  THE TRANSPORT OF THE PROPERTY OF	2 WOL
2ADSAC	22BI24DS402-T  EXPERIMENT  PROPERTY OF THE PRO	AC
	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	22811
- 0.5	of all integers on its right in the array A. Print the index of the equilibrium position.	
92.X2.	<b>Note</b> :For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes.	05402-1
,	The array is 1 indexed.	5
1812475		. 1
BI	Input Format:	< 22812h
	The input consists of two lines:	
3A02-X 7	The first line contains an integer denoting N.	0
, A	The second line contains N space-separated integers denoting the elements of the array A.	LADSAO?
	Input will be read from the STDIN by the candidate	L"
2281245	Output Format:	0
21	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	2, 228
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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 \%
```