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EXPERIMENT. Title EQUIL BRIUM Description 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	echi
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Description Refeel Country of the Co	TEMP BT ech. CS ED TATEMP BT e
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	s equal to the sum
of all integers on its right in the array A. Print the index of the equilibrium position.	
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 quotes.	FOUND" without
The array is 1 indexed	,£01h
Input Format:	atech ce
The input consists of two lines.	\$ ^c
The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.	<u> </u>
The second line contains N space-separated integers denoting the elements of the array A.	1ª TEMP
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Input will be read from the STDIN by the candidate Output Format:	ó
Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	ect ceto
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Sample Input 5	
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Sample Output	STAN STAN
Source Code: File Stories of echics to 1 A TEMP Biconics to 1 A TEMP Bic	W. Barrellin
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Source Code: Partie of the State of the Stat	White the state of
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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 %
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