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5 3BR 23	Description of State	· ·
3	Description 23 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/	,00513
	You are given an array A of N integers. An equilibrium position is a position where the sum of an integers on its left is equal to the sum	,>
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322	quotes.	3BR22
	The array is 1 indexed.	
coosing		0
CO	Input Format:	223000
0	The impat consists of two lines.	
of 3BRV.	The first line contains an integer denoting N.	S
5	The second line contains N space-separated integers denoting the elements of the array A.	,0051 35
0	Input will be read from the STDIN by the candidate	
3R23CD0	Output Format:	3BR2?
5	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	30
3	Sample Input	
chost	5	COBO
	24733	300
3BR12	Sample Output	
30	3	0,000
		35
	Source Code: 3CD 3APA CODE STORY STO	Q
	A STORY OF THE STO	300
	Sample Output 3 Source Code: School Sand Sand Sand Sand Sand Sand Sand Sand	5~
	342 3 COO 34 PROS	~ Q
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		7

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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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