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	To alle given all array A of N integers. All equilibrium position is a position where the sum of an integers on its left is equal to the sum	<i>></i> ′′
CDOI	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" without	
8R23CD01	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.	382
	The array is 1 indexed	
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COS	Input Format:	1 ³ 00
0,	The input consists of two lines:	
23BR236	The first line contains an integer denoting N.	
×V	The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.	10 VI
100	Input will be read from the STDIN by the candidate	
3R13CDO1	Output Format:	287
	Finit the index of the equilibrium position. If no index is found, print NoT Pooleb	30
CDOAR 3P	Sample Input	
CDOWN	5	369
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382236	Sample Output	
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3	Source Code: 3CDV 3HR ³ CDO ^L	
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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 %
```