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STUDENT REPORT	, %
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DETAILS Name Manjunath K T	3BR
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EXPERIMENT, 34th Company of the Comp	
Title ARD	~5°°
EQUICIBRIUM LEONS AND	
3BR23EE058 EXPERIMENT Title EQUICIBRIUM Description Description AND	BR
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	3
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 FOUND" without quotes.	123EX
The array is 1 indexed	,"
Input Format:	EEO58
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.	BR
The second line contains N space-separated integers denoting the elements of the array A.	38 3BR
Input will be read from the STDIN by the candidate	
Input will be read from the STDIN by the candidate Output Format: Print the index of the equilibrium position. If no index is found print "NOT FOLIND"	350
Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3E.23E.5
Sample Input	
Sample Input 5	(288)
24733	38
Sample Output	
3 · · · · · · · · · · · · · · · · · · ·	387.38
Sample Output 3 Source Code: ARA ARA ARA ARA ARA ARA ARA ARA ARA AR	A CONTROL OF THE PARTY OF THE P
April 1 Committee of the committee of th	78

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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())
                                                                                                  38R23EELDS 38R23E
   A = list(map(int, input().split()))
   result = find_equilibrium_position(N, A)
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 \%
```