DETAILS Name CHAITHANYA Roll Number							0.4
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EXPERIMENT. Title	238RV 361016 38KV3C1016	273CD01638RP38CD016	38R23C10163RR23C	27361016381	23500.638223	50 8RP 3CDO 16 38	500,03850g
Description	273600163	(3BR)3CDO	-001638R213	273000032	(38R)3C10	-00163BR223	223000
You are given a	n array A of N integers	s. An equilibrium p	osition is a posit	ion where the sui	m of all integers	on its left is equa	al to the sum
o^	n its right in the array ven array there is only				tion is found the	n print "NOT FOU	ND" without
The array is 1 i	ndexed.						
Input Format:							
The input cons	ists of two lines:						
The input cons The first line of	ontains an integer de	enoting N.					
	e contains N space-s		rs denoting the e	elements of the a	array A.		
Input will be re	ad from the STDIN b	y the candidate					
Output Format							
I Tillt the maex	of the equilibrium po	osition. If no inde	x is found, print '	'NOT FOUND"			
Sample Input 5							
5							
24/33							
Sample Outpu	t						
Ü							
Source Code:	38FL3C101638FL3	238R23C001638R23C	00163822300	1,3c10163BR23C1016	Selective Control of the Selective Control of	The state of the s	Secretary of the second

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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 %
```