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0 KUB23E	STUDENT REPORT	, (
الل الله	ETAILS  Name 36 MIN MARALAPPANAVAR	FIR53E
1350	Name so tube sections tube set	£036
	VIJAYALAXMI MARALAPPANAVAR	
1030 F18	Roll Number 35 35 36 4 46 4 40 36 36 36 4 46 4 46 4 46 4	ا م
	KUB23ECE036	(T)B
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	EQUILIBRIUM	3/3601
, ¢	78 CE030 118/3E 6030 A 38CE0 10 F18/1 CE6030 118/3EC 1030 AN	£3
	Tou are given an array A of A integers. An equilibrium position is a position where the sum of an integers on its left is equal to the sum	1030 A)
,6 F1B5.35		. (
0	quotes.	KNB53E
2	The array is 1 indexed.	F
23ECE03		~ (c
,23	Input Format:	5ECE036
8	The input consists of two lines:	5
:030 A18	The first line contains an integer denoting N.	, 8 <sup>1</sup>
Ç	The second line contains N space-separated integers denoting the elements of the array A.	30 KUB)
ړرخ	Input will be read from the STDIN by the candidate	
LUB 23 ECY	Output Format:	
	Time the mack of the equilibrium position. If no mack is round, print 1901 Footb	313ECES
ECEO304	Sample Input	
ECEOS	5	63
	24733	A DE
47853	Sample Output	
43		N. S. W. B. S.
•	Source Code: 35 t. C. L.	0,5

```
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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