	Description of the second of	
35001538	STUDENT REPORT	-O'
DE SEL	ETAILS  SON RUCHITHA  SON RUCHITHA  STUDENT REPORT  STUDENT RE	23
,5°° N	Name of the state	0/5
	DOT/ NOOTHTI/	
3000	Roll Number 18 58 58 58 58 58 58 58 58 58 58 58 58 58	oʻ
,8R.	3BR23CD015	3BR1
EX	SPERIMENT 15-38 TO TO TO THE PART OF THE P	13°CD
\mathcal{n}	equilibrium  Secription 5 3 the 2 colors 3 the 2 co	0.
	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 of all integers on its right in the array A. Print the index of the equilibrium position.	201,2
,8R23C10	<b>Note</b> :For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes.	3BR2
	The array is 1 indexed.	)
SCHOLES		C
5000	Input Format:	23cD5
o.	The input consists of two lines:	
Ve 3HEV.	The first line contains an integer denoting N.	0
1,0	The second line contains N space-separated integers denoting the elements of the array A.	20153
-0	7	
3823500	Output Format:	22
3	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3BR2
, 3	Sample Input	
, cho15 35	5	C. S.
>	24733	A3
3BR22	Sample Output	
	3	Politan
	Source Code:  So	A CAN
	ARTON OSCIONOS ARTON	A. S.

```
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"
    N = int(input())
    A = list(map(int, input().split())))
    result = find_equilibrium_position(N, A)
    print(result)

RESULT

5/5 Test Cases Passed | 100 %
```