58 ² 305	STUDENT REPORT ETAILS Same 31 KUR13 CSEL 3	Ğ
	STUDENT REPORT ENDRY STUDENT REPORT ENDRY SELIST KURP 3C5E131 KURP 3	8 3 C 3
5 4	SIRISHA K)
, DE	TAILS 305E131 HUBP305E131 TO THE TOTAL TO THE TOTAL TO THE TOTAL T	1
N	lame of the second of the seco	£13'
(SIRISHA K	
42,4	Roll Number 137	82.
		42,
EX	PERIMENT OF THE SERVE SE	
ک Titl		cskn'
	EQUILIBRIUM 14HB130 C5EL 31 K 14HB130 C5EL 31 KUB130 C5EL 31 KUB13	3
37 6	EQUILIBRIUM Secription 20 5 1 31 LUB 2 3 5 1 LU	.<
, L	vescribion.	3145
	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	
JB235		C
	quotes.	823°
ć	The array is 1 indexed.	
SENS		2
	Input Format:	5E737
R	The input consists of two lines:	
LUE!	The first line contains an integer denoting N.	NO TO
	The second line contains N space-separated integers denoting the elements of the array A.	FIBZ
c S	Input will be read from the STDIN by the candidate	
Best	Output Format:	3051
	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3
314	Sample Input	
1314	5	38738
	24733	720
JB23		
	3	8733
	Sturge Code: (5° 18° 18° 18° 18° 18° 18° 18° 18° 18° 18	3,3
	Source Code: 13C5 LUB 2C5 LUB	
	Source Code: 35 CSL 37 KURP 35 CSL 3	SKIJE.
	Light acstrict Light and State and State action of the state of the st	
	LIBY'S CELLUS STANDERS OF THE	. 22
		162,

```
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 %
```