	□ Logo	
K1823	STUDENT REPORT	S
, — D	STUDENT REPORT PETAILS Name 31 KIND 25 ELD 31 KIND 35 ELD 31 KIN	3
13°	Name 31 KN 3C5 LUBPY SELP3Y LUBPY 3C5 LUBPY	56032
1035 to	KUB23CSE032	NBJ:
Ē	XPERIMENTA SELECTION TO THE SELECTION OF	, `
	KUB23CSE032 KUB23CSE032 KPERIMENT Title EQUILIBRIUM Description Control of N integers. An equilibrium position is a position where the sum of all integers on its left is equal to the sum.	3054
55K032 X	Description of the second of t	22 45
	Tod are given an array North integers. An equinibitant position to a position where the came of an integers on its left to equal to the came	5
2 1 1823	Note :For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes.	1873°C
² 03	6	
n3csko?	Input Format:	SKO32
0	The input consists of two lines:	
5035 ANB	The first line contains an integer denoting N.	SV
	The second line contains it space-separated integers denoting the elements of the array A.	KNB2
UB23C5	Input will be read from the STDIN by the candidate	4
UBZS	Output Format:	CSEC
	Print the index of the equilibrium position. If no index is found, print NOT FOUND	
CSE032	Sample Input	. %
SV	5 24733	2387.36
0	Sample Output	,
F7853	3	385
	Sample Output 3 Source Code: 3C5FL LUBP 3C5ELD 3 LUBP 3	Seg.
	Source Code: 35° LUR 25° LUR 2	Sterry
	Source Code: 3C5EL 32 KUR13C5EL	19 3 BR

```
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 %
```