1 418230	STUDENT REPORT
,\	
∑ ∕ Ď É	ETAILS Name Of Winds 200 Set of Winds 2
13°51	Name of Anish 3 certion Anish 2 certion 1873 cert 101 Anish 3 certion 1873 certion
d	Preetham
:101 KUR	Roll Number 10, 1832, 14, 2024, 174, 1832, 14, 14, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15
	KUB23CSE107
Titl	PERIMENT, 25° STOTE AND
1,007	Description CS 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
55*	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
~	
1478531	Note : For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes. The array is 1 indexed
	The array is 1 indexed
SENO	
,23C5E10	Input Format: The input consists of two lines:
	30
:101 418	The first line contains an integer denoting N.
:101	The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.
	, o'
LUB23CSK	
FIB.	Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"
67014	Sample Input
cst1014	
	24733
47853,	Sample Output
4	
S	Source Code: 3CSt. KIND 3CSt. 101 KI

```
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 %
```

25

47p.

SENO

823°

014

205

TIB,

-470