	Logo	
502A3R	STUDENT REPORT	, sol
D	ETAILS Name Coll Asker 300 Mark 300 Ma	3
138°	Name service approximately app	22 3E
	BLAVANIA	
R13C501	Roll Number 38 38R23CS024	223
	25° 38° 60° 25° 38° 60° 25° 38° 60° 25° 38° 60° 60° 60° 60° 60° 60° 60° 60° 60° 60	38
	RPERIMENT ASS ARE	0
SOLATI	itle ASE	13 CSOIL
000	See 38 Ref. On Missing See 38 Ref. On Missing See 38 Ref. Sol. Missing See 38 Ref. Missing	S.C.
	5.	02 ^A 3 ^E
Riscsof	Note :For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes.	3BR136
5902 A 38		
350°V	Input Format:	3507
.0	The input consists of two lines:	
A 3BR 13	The first line contains an integer denoting N.	38
	The second line contains N space-separated integers denoting the elements of the array A.	02A38
20	Input will be read from the STDIN by the candidate	
R13050	Output Format:	2R23
	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3BR136
38	Sample Input	
5502A 35	5	Col Sol
	24733	5
3BR23	Sample Output	. 0
,5,		03878
	Source Code: 3C5V 3BR23C5O2A3BR23C5O	
	38K13CEOLU 3KL13C	BOTA

```
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 %
```