	Logo	
, PO95 385	STUDENT REPORT	A C
DE	STUDENT REPORT  STUDENT REPORT  SANTHOSH	23
36),	Name 3CL 38L 3CL 3RL 3CL 3RL 3CL 3RL 3RL 3RL 3RL 3RL 3RL 3RL 3RL 3RL 3R	400°
	SANTHOSH	)`
2230 ROJ	Roll Number 25 55 55 55 55 55 55 55 55 55 55 55 55	_ (
5 L	3BR23CA095	, 38R)
ΕX	ASC	)
1- 5		E
)` E	equilibrium	573°C'
a Par	3BR23CA095  PERIMENT  SPERIMENT	Q
230A00	of all integers on its right in the array A. Print the index of the equilibrium position.	
5,	quotes.	53BR1
3 <sup>R</sup>	The array is 1 indexed.	
, ROOF 3E	Input Format:	223CA
3	The input consists of two lines:	
38R136	The first line contains an integer denoting N.	6
5	The second line contains N space-separated integers denoting the elements of the array A.	Polo
.00	Input will be read from the STDIN by the candidate	
223CA0°	Output Format:	22
	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	53BR1
38	Sample Input	
, A095 3R	5	S.
	24733	38720
223	Sample Output	
30	3	~38°
\$	Source Code: 3Ch 3Ph 3Ch 95 3Ph 3	
	, 2, ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	

```
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
 0 / 5 Test Cases Passed | 0 %
```