CSKO3	STUDENT REPORT PRESENT STEELINGS OF THE
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SEO3AR	TEMPBTech-CSE034
EX Titl	PERIMENT, MELLING BEET, CSED 3A TEMP BEET, CSED 3A
	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
ALEN	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.
3ª (E)	Input Format: The input consists of two lines:
o	The input consists of two lines:
(EMP	The first line contains an integer denoting N.
	The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A.
1	Input will be read from the STDIN by the candidate
KEN	Output Format:
	Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"
8	Sample Input
MPBT	5
	5 2 4 7 3 3
EMPR	
FLY	3
S	Sample Output 3 Source Code: Steel St. Lind Bleeth. CSt. D. Jahr. Lind Bl

```
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()))
                                                                                                         SEO3A TEMP BIECH.
    result = find_equilibrium_position(N, A)
    print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```