OAZ	STUDENT REPORT  STUDENT REPORT  STUDENT REPORT  LEMPH TECHTOSELDAN TEMPH TEMPH TECHTOSELDAN TEMPH TEMPH TECHTOSELDAN TEMPH	- nicskol
	JENIFFER RAKSHII HA B	
(echicsk	TEMPBTech-CSE042	
E) Ti	KPERIMENTEDARY THE REPORT OF T	- Jan Tenn
shi estod	Description of Nintegers An equilibrium position is a position where the sum of all integers on its left is equal to the sum	m "RBTech"
_ (	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 sur of all integers on its right in the array A. Print the index of the equilibrium position.	m W
EMPETE	<b>Note</b> : For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without quotes.	et seokales
	The array is 1 indexed.	560
SEOAR		C
SY	Input Format:	Stechice
	The input consists of two lines:	⋄
RBTech.	The first line contains an integer denoting N.	n.R.
VS.	The second line contains N space-separated integers denoting the elements of the array A.	AZTEMP
2	Input will be read from the STDIN by the candidate	,,,,
EOUS LEN	Output Format:	£0
£	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	echics to
~S	Sample Input	
stech.cs	5	286
		LIKA MENTE
(EMPP	Sample Output	
	3	Carl Mar
	Source Code: Learn Head to the contest of the land that the transfer of the contest of the land that the transfer of the contest of the land that the transfer of the contest of the land that the land to the contest of the land that the land to the contest of the land that the land to the land the land that the land to the land that the land to the land the land that the land to the land the land that the land to the land the land that the land the l	Keet and the second

```
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 %
```