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, PBTech.Co	SANIYA KHANAM	
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,	TEMPBTech-CSE068 (PERIMENT) le EQUILIBRIUM Description Note of Nictorias An equilibrium position in a position where the sum of all integers on its left in equal to the sum of all integers of all integ	WE
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5M.	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	& ec
~ (
EMPRIE	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.	768 LK
, & .		
cst0681	Input Format:	echi.
	The input consists of two lines:	,
Refeer	The first line contains an integer denoting N.	,<
NR.	The second line contains N space-separated integers denoting the elements of the array A.	TEMP
. 1	Input will be read from the STDIN by the candidate	
:068 [[]	Output Format:	SK
	Print the index of the equilibrium position. If no index is found, print NOT FOOND	n'est!
stechics'	Sample Input	
Jech	5	NAPR
	24733	Eller
TEMPR	Sample Output	
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	"Water Selfo" IFWA SILES, SELFO	
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	Source Code:	200

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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 \%
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