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38RV	Description of the state of the	38R1 38R23CD
,6	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 to all integers on its right in the array A. Print the index of the equilibrium position.	the sum
c.poʻ	Note: For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" v	without
,BR23CD0	quotes.	without Sel 3th Li
	The array is 1 indexed.	587
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2000	Input Format:	5822 <sup>3</sup> 3CDS
0.0	The input consists of two lines:	500
,813BR2?	The first line contains an integer denoting N.	2
		3000813
-DO	Input will be read from the STDIN by the candidate	
3823506	Output Format:  Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3813BR2
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def find_equilibrium(arr):
    total_sum = sum(arr)
    left_sum = 0

for i in range(len(arr)):
    total_sum -- arr[i]
    if left_sum == total_sum:
        return i + 1
    left_sum += arr[i]

    return "NOT FOUND"

n = int(input())
arr = list(map(int, input().split()))

result = find_equilibrium(arr)
print(result)

RESULT

5/5 Test Cases Passed | 100 %

RESULT

5/5 Test Cases Passed | 100 %
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