	<b>□</b> Logo	
38		
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DE	20031 344 20031	
3) 30.	Name of the second of the seco	3
(	JINITYA	,>
3873CD0		BRI
	SPERIMENT  The sum of N integers. An equilibrium position is a position where the sum of all integers on its left is equal to the sum.	
0.1/	(PERIMENT)	
E)X	EQUÍRIUM 3CD ARGADOS SARAS SCORSOS ARGADOS SARAS SECURIOS	3000
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3h Programme		
37	Description 130 138 130 138 130 138 130 138 130 138 130 138 130 130 130 130 130 130 130 130 130 130	0323
	Tou are given an array A or N integers. An equilibrium position is a position where the sum or an integers on its iert is equal to the sum	)
aRP3cDo	Note: For any given array there is only a single equilibrium position, if no equilibrium position is found then print "NOT FOUND" without	C
3823	quotes.	3BRI
	The array is 1 indexed	
32		,
5003738	Input Format:	13000
	**************************************	
32 3BR23	The first line contains an integer denoting N.	ó
32	The second line contains N space-separated integers denoting the elements of the array A.	0373
0	Input will be read from the STDIN by the candidate	
3R23CD0?	Output Format:	€.
BR	Print the index of the equilibrium position. If no index is found, print "NOT FOUND"	3BRI?
25	Sample Input	
,c003238	5	COS O
,	24733	
3BR236	Sample Output	
3812	3	38
		97
	Source Code: 3CDN 34FP CDN 34FP CDN 34FP CDN 3FFP CDN 3FF	
		A CO
	Source Code: 35th 13th 13th 13th 13th 13th 13th 13th 13	5
	Sp. St. St. St. St. St. St. St. St. St. St	30%
	Sample Output  3  Source Code: 200 2 3 3 4 4 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 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
 5 / 5 Test Cases Passed | 100 %
```