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| 3MCAOO | KUB23MCA006 KUB23MCA006 XPERIMENT LUBDANC POOL LUBDANC | PO |
| , | 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 | , ' |
| B | of all integers on its right in the array A. Print the index of the equilibrium position. | |
| 300 K783 | 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. | FIS |
| | The array is 1 indexed. | |
| B23MCA | | "C |
| \$6 | Input Format: The input consists of two lines: | 7 |
| 43 | The input consists of two lines. | |
| ;A000 X13 | The first line contains an integer denoting N. The second line contains N space-separated integers denoting the elements of the array A. | (o + |
| | The second line contains it space separated integers denoting the elements of the array A. | , |
| an Comment | Input will be read from the STDIN by the candidate | |
| KIB 23MC | Output Format: | 13/ |
| | Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND" | |
| 06 | Sample Input | |
| MCVOOR | 5 | 88 |
| | 24733 | |
| K1823 | Sample Output | (|
| 4 | 3 | 38, |
| | Source Code: 3,4,6,6,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7 | A A |
| | The 3 week of th | A S |

```
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 %
```