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3BR23E	200 March 190 Ma
38	Description of the state of the
	To alle given an array A of N integers. An equilibrium position is a position where the sum of an integers of its fert is equal to the sum
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J. 3	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
<	The array is 1 indexed.
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<i>,</i>	Input Format:
, 3 ^{<}	The input consists of two lines:
38R236	The first line contains an integer denoting N.
	The second line contains N space-separated integers denoting the elements of the array A.
200	Input will be read from the STDIN by the candidate
13EE09	Output Format: Print the index of the equilibrium position. If no index is found, print "NOT FOUND"
	This the index of the equilibrium position. If no index is found, print NOTT COND
£09A3E	Sample Input
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	24733
3BR235	Sample Output
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;	Source Code: 34th 34th 34th 34th 34th 34th 34th 34th
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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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