```
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()))
                                                                                                         38R23CDOA5 38R23C
    result = find_equilibrium_position(N, A)
    print(result)
RESULT
 5 / 5 Test Cases Passed | 100 \%
```