```
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()))
                                                                                                          -23°C54066 118°23°C5
    result = find_equilibrium_position(N, A)
    print(result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```