```
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)
                                                                                                  -SEOA9 LUB23CS)
A9 LUK
    print(result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```