```
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"

N = int(input())
A = list(map(int, input().split()))
    result = find_equilibrium_position(N, A)
    print(result)

RESULT

5/5 Test Cases Passed | 100 %
```