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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()))
                                                                                                         38R23CD066 38R22.
    result = find_equilibrium_position(N, A)
    print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```