Logo ,090 KUB23CSW STUDENT REPORT **DETAILS** UB23CSI Roll Number **NAGARAJ Y PATIL** 1305 AKU CSEO! UB2 1823 090 KUB23CSE090 EXPERIMENT Title itle

ANT ON RAIL KUB Description 13CSEO9C There is a ant on your balcony. It wants to leave the rail so sometimes it moves right and sometimes it moves left until it gets exhausted. Given an integer array A of size N which consists of integer 1 and -1 only representing ant's moves. Where 1 means ant moved unit distance towards the right side and -1 means it moved unit distance towards the left . Your task is 590 KUBI to find and return the integer value representing how many times the ant reaches back to original starting position. Note: 1823CSEC · Assume 1-based indexing 1823CSEC Assume that the railing extends infinitely on the either sides Input Format: SEOGOKY 3E090 KT input 1: An integer value N representing the number of moves made by the ant. input2: An integer array A consisting of the ant's moves towards either side KUB23C Sample Input KUB23C 5 1-11-11 3C5F090 and the Bar Series of the Bar Sample Output 2 823C5E090 KUB23C5E090 KUB23C5E090 KUB23C5E090 Source Code: KUBZ

```
def count_returns_to_start(N, A):
    current_position = 0
    return_count = 0

for move in A:
    current_position += move
    if current_position == 0:
        return_count += 1

    return return_count

# Example usage:
N = int(input())
A = list(map(int,input()).split())) # Example moves
    result = count_returns_to_start(N, A)
    print(result) # Output: 2

RESULT

**RESULT**

**Total Cases Passed | 100 %*

**Tota
```