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STUDENT REPORT
DETAILS 134CED Name LUBY SECROT LUBY SECRO LUBY SECROT LUBY SECROT LUBY SECROT LUBY SECROT LUBY SECRO
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EXPERIMENT ANT ON RAIL Description 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
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 to find and return the integer value representing how many times the ant reaches back to original starting position.
Note:
Assume 1-based indexing Assume that the railing extends infinitely on the either sides Input Format:
input1 : 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 Sample Input
z.c
1-11-11 Security Output
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def count_return_to_origin(N,A):
    position = 0
    return_count = 0

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

    return return_count

N=int(input())
A=list(map(int,input().strip().split()))[:N]
    print(count_return_to_origin(N,A))

RESULT

5/5 Test Cases Passed | 100 %

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