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STUDENT REPORT SHAPELOS SHAPE
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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
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
Sample Input
Sample Input 5 1-11-11
1-11-11 Somple Output
Sample Output
Source Code: 30 ²
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ART

```
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: 3
RESULT
 5 / 5 Test Cases Passed | 100 \%
       60 30
```