```
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 %

Authorized Author
```