```
def count_return_to_origin(N,A):
    current_position=0
    count=0
    for move in A:
        current_position=move
        if current_position==0:
            count+=1
    return count
N=int(input())
A=list(map(int,input().split()))
assert len(A)==N, "length of array must match N"
    result=count_return_to_origin(N,A)
    print(result)

RESMLT

$\frac{1}{2}\text{Result} \text{Result} \tex
```