n = int(input())

c = list(map(int, input().rstrip().split()))

count=0

i=0

i=0

count=0

c=c+[0]

while i!=(n-1):

    if(c[i+2]==0 and i<(n-2)):

        i=i+2

        count = count+1

    else:

        i=i+1

        count=count+1

print(count)

**Sample Input 0**

7

0 0 1 0 0 1 0

**Sample Output 0**

4