

1.

```
count=0
num=int(input())
while True:
    z=x+y
    if z%2==0:
        count+=1
    if z==num:
        print(f"{z} is the {count} even number")
        break
    x=y
    y=z
```

2.

```
a=int(input())
b=input().split()
count=0
for i in b:
    x=1
    while x*x<=int(i):
        if x*x==int(i):
            count+=1
            break
    x+=1
print(count)
```