

```
l=[]
n=int(input("enter number of element"))
for i in range (0,n):
    print("enter element:".format(i+1))
    ele=int(input())
    l.append(ele)
print("the entered list is :",l)
def sumsquare(l):

    odd=0

    even=0

    for i in l:

        if i%2==0:

            even = even +i**2

        else:

            odd =odd+i**2

    l=[odd,even]
    return(l)
print(sumsquare(l))
```