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 :",1)

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))