

2.py - C:\Users\sse\Documents\day 1\2.py (3.11.1)  
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```
def sumsquare(l):  
    odd=0  
    even=0  
    for i in l:  
        if i % 2==0:  
            even +=i**2  
        else:  
            odd +=i**2  
    return [odd,even]  
print(sumsquare([18,9,1,12,13,4,30]))  
print(sumsquare([1,2,3,4,5]))  
print(sumsquare([2,4,5,6,7,11,12,13]))  
print(sumsquare([12,10,11,12]))
```

IDLE Shell 3.11.1

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```
Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6  
2022, 19:43:28) [MSC v.1934 32 bit (Intel)]  
on win32  
Type "help", "copyright", "credits" or "lic  
nse()" for more information.  
>>>  
===== RESTART: C:\Users\sse\Doc  
uments\day 1\2.py =====  
[251, 1384]  
[35, 20]  
[364, 200]  
[121, 388]  
>>>
```

Ln: 9 Col: 0