

Pythoni if for

[Python]

Python Osmosis

if,for

Python 2.6.3 (r263rc1:75186, Oct 2 2009, 20:40:30) [MSC v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.

```
*****  
Personal firewall software may warn about the connection IDLE  
makes to its subprocess using this computer's internal loopback  
interface. This connection is not visible on any external  
interface and no data is sent to or received from the Internet.  
*****
```

```
IDLE 2.6.3  
>>> x = int(raw_input("Please enter an integer: "))  
Please enter an integer: 42  
>>> type(x)  
<type 'int'>  
>>> if x < 0:  
    x = 0  
    print 'Negative change to zero'  
elif x == 0:  
    print 'Zero'  
elif x == 1:  
    print 'Single'  
else:  
    print 'More'
```

More

```
>>>  
>>> my_list = ['cat', 'window', 'defenestrate']  
>>> for x in my_list:  
    print x, len(x)
```

```
cat 3  
window 6  
defenestrate 12  
>>>  
>>> for x in my_list[:]:  
    if len(x) > 6:  
        my_list.insert(0,x)
```

```
>>> my_list  
['defenestrate', 'cat', 'window', 'defenestrate']
```