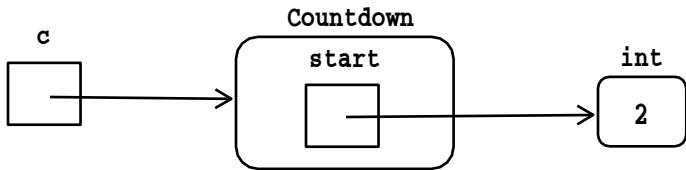
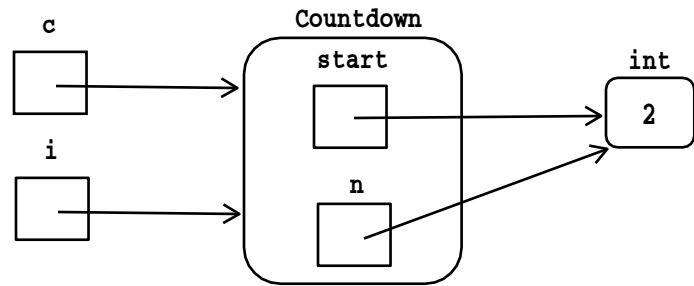


# Countdown Iterator: Explicit Use

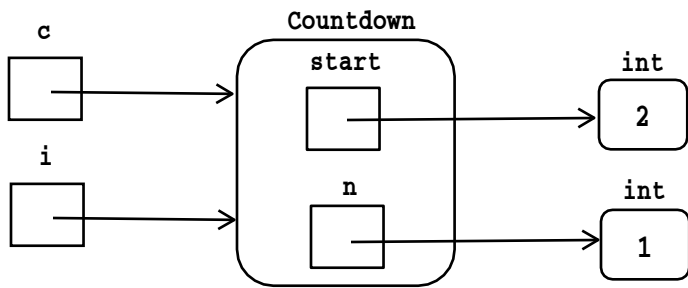
```
c = Countdown(2)
```



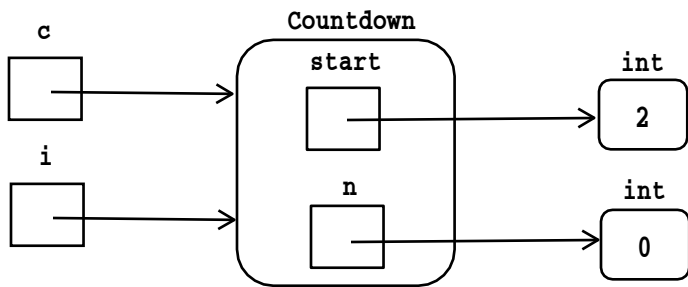
```
i = iter(c)
```



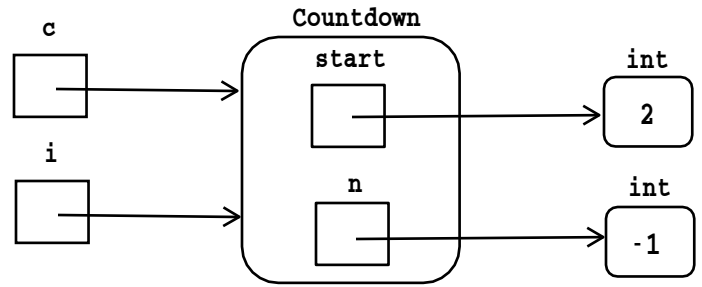
```
print(next(i)) # prints 2
```



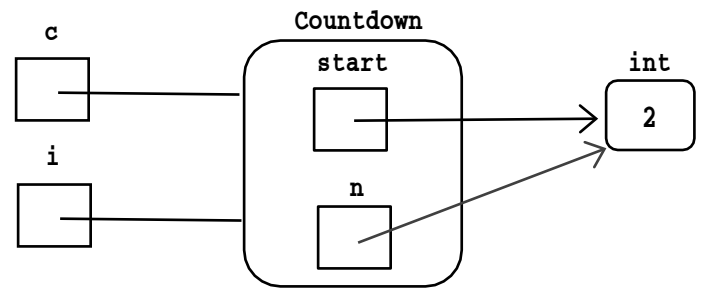
```
print(next(i)) # prints 1
```



```
print(next(i)) # prints 0
```



```
#next(i) would raise StopIteration
i = iter(c) # resets n
```



Given this behavior, what values would the code on the left print; what values for the code on the right? Hint: how many objects are created on each side?

|   |  |
|---|--|
| <pre>for a in Countdown(2):     for b in Countdown(2):         print(a,b)</pre> | <pre>c = Countdown(2) for a in c:     for b in c:         print(a,b)</pre> |
|---|--|