

**6.00 Handout, Lecture 6**  
**(Not intended to make sense outside of lecture)**

```
Techs = ['MIT', 'Cal Tech']
Ivys = ['Harvard', 'Yale', 'Brown']
Univs = []
Univs.append(Techs)
print Univs
Univs.append(Ivys)
print Univs
for e in Univs:
    print e
    for c in e: print c
```

```
def test(x, y):
    return y, x
x = 1
y = 2
L = test(x, y)
print L
x, y = test(x, y)
print x, y
```

```
L1 = [1, 2, 3]
L2 = L1
L1[0] = 4
print L2
```

```
def f(L):
    L[0] = 4
```

```
L1 = [1,2,3]
L2 = [1,2,3]
L3 = L1
print L1, L2, L3
if L1==L2: print True # == means same value, not same object
else: print False
f(L1)
print L1, L2, L3
```

```
L1 = [1,2,3]
L2 = L1[:] #makes a copy of L1
L1[0] = 4
print L1, L2
```

```
EtoF = {'one': 'un', 'two': 'deux', 'three': 'trois'}
EtoF['two']
print EtoF
```