

## 6.00 Handout, Lecture 2

(Not intended to make sense outside of lecture)

```
x = 3 #Create variable x and bind value 3 to it
x = x*x #Bind x to value 9
print x
```

```
x = 15
if (x/2)*2 == x:
    print 'Even'
else: print 'Odd'
```

```
if (x/2)*2 == x:
    print 'Even'
else: print 'Odd'
```

```
z = 'b'
if 'x' < z:
    print 'Hello'
    print 'Mom'
```

```
if 'x' < z:
    print 'Hello'
    print 'Mom'
```

```
x = 15
y = 5
z = 11
print x, y, z
#Is this right?
if x < y:
    if x < z: print 'x is least'
    else: print 'z is least'
else: print 'y is least'
```

```
if x<y and x<z: print 'x is least'
elif y<z: print 'y is least'
else: print 'z is least'
```

```
y = 0
x = 3
itersLeft = x
while (itersLeft > 0):
    y = y + x
    itersLeft = itersLeft - 1
    #print 'y = ', y, ',itersLeft =', itersLeft
print y
```

```
x = 1515361
ans = 0
while ans*ans < x:
    ans = ans + 1
print ans
```