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6.00 Introduction to Computer Science and Programming
Fall 2008

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6.00 Handout, Lecture 2
(Not intended to make sense outside of lecture)
Fall 2008

```
x = 3 # Create variable x and assign value 3 to it
x=x*x # Bind x to value 9
print x
n = raw_input('Enter a number: ')
print n
# print n/n
```

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

```
x = 15
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
```

```
ans = 0
while ans*ans != x:
    print ans
    ans = ans + 1
```

```
x = 10
i = 1
while(i<x):
    if x%i == 0:
        print 'divisor ',i
    i = i + 1
```

```
x = 10
for i in range(1, x):
    if x%i == 0:
        print 'divisor ',i
```