# HW2-Tutorial

```
def isEven(n):
    if ((n % 2) == 0):
        print str(n) + " is even."
    else:
        print str(n) + " is odd."

isEven(0)
isEven(7)
isEven(-22)
isEven(-55)
```

```
0 is even.
7 is odd.
-22 is even.
-55 is odd.
```

```
# this computes "8 choose 3"
binomial(8,3)
```

```
56
```

```
# This code prints a 30x30 grid of asterisks

n = 30
for y in range(n):
    for x in range (n):
        # note the comma at the end to avoid printing a newline
        print '*',

    # since there is no comma after the string, a newline is printed
    print '>'
```

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