

## allthemath.org Vol II Episode III – Python cheat sheet

### Functions:

```
def functionName(argument1, argument2, ...):  
    ... statements ...  
    return output
```

### For loops:

```
for i in range(n):  
    ... statements ...
```

### Plotting:

```
import pylab  
pylab.plot(xValue,yValue,'o') to plot a point  
pylab.xlim(minXValue,maxXValue) to set the x-axis range  
pylab.ylim(minYValue,maxYValue) to set the y-axis range  
pylab.show() to display the plot
```