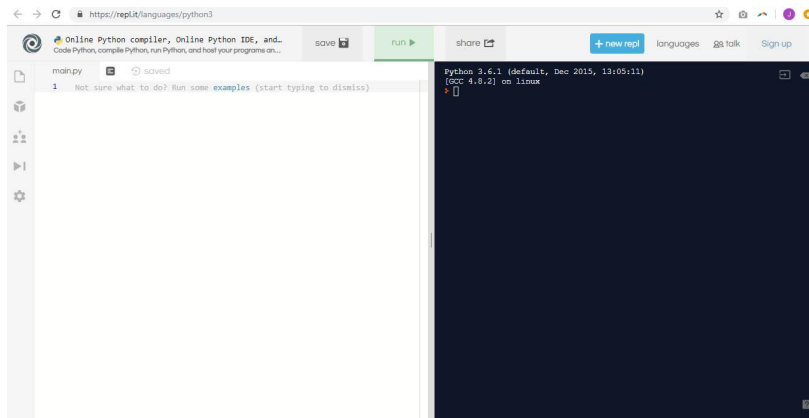# Tutorial One: Simple Programming Commands

Let's get started coding with Python. First we're going to focus on FOR Loops, WHILE loops, and variables.

We'll be using an online Python editor. Open https://repl.it/languages/python3 in your browser. It looks like this:

This is where you'll type in the commands.

This is where the computer will run the commands.

Let's first start by creating a FOR loop. Loops contain a set of instructions that are continually repeated until something specific happens.

Let's start with inputting the following code into the editor:

```
1.    for x in range(1,6):
2.        print (x)
```

Write what you got in the box below.

How would you get the computer to print out 1,2,3,4,5,6,7? Write it in the box below.

Now let's input:

```
1.  for x in range(6,1,-1):
2.      print (x)
```

Write what you got in the box below.

We can make the computer print out words, too. Let's look at how that's different than just numbers.

We're going to have the computer count sheep. Start by inputting the following:

```
1.  for x in range(1,6):
2.      print(x, 'sheep')
```

Write what you got in the box below.

How is the code different from the code for numbers?

_____

_____

_____

To get the program to print words, what do you need to add with the words?

_____

_____