**Automate the Boring Stuff with Python Programming**

Section 1: Python Basics

1. Get Python Installed.

* You can download Python for Windows, OS X, and Ubuntu for free from <http://python.org/downloads/>.

1. Basic Terminology and Using IDLE.

* Expressions
* Data Types
* Variables
* IDEL - IDEL is the editor it comes with Python installation.
* IDEL as two parts

1. Interactive shell.

Interactive shell runs Python instructions one at a time.

1. File editor.

File editor will let us enter complete code.

Note: Interactive shell and file editor looks similar but still we can differentia interactive shell has >>> (three right angle brackets).

- Expression It consists of a value and operator, expression always reduces single value.

Expression = Values + Operators

Example: >>> 2 + 4

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In this Example 2 + 4 is an Expression, 2 and 4 are Values, “+” is an operator.