Welcome to Python!

This is meant to be a crash course in learning Computer Science with Python. The following outline is what I intend to show you how to do:

- What is programming?
- Math in programming
- Functions
- Using functions and making functions
- Data types
- Strings, integers, floating points . . . etc
- Comparing data
- Accessing files
- Programming structure
- loops (for and while), if-statements . . . etc
- Basic data structures
- Lists, tuples, sets, dictionaries . . . etc
- Libraries and Modules (aka using other people's code)
- Classes
- Searching
- Sorting
- Recursion
- Coding after this introduction

Let's get started. Below is a Table of Content:

- Setting up Python
- Getting an IDE
- What is Computer Science?
- Back to Math Class
- Types of Data
- *Function*ing with Python
- Strings