**Python Data Types**

After learning about variable initialization and assignment, you should be aware that data types are serious business. They can determine the success or failure of your project. Therefore, you should know them extremely well. This document should serve as a quick reference guide for the data types we will be using most often in this class. Research each of the terms below and write their definitions in the boxes below

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| **str :**   * Str can be used to handle binary data and 8-bit text * String represents text |
| **integer:**   * They carry no fractional/decimal part and can be both positive and negative |
| **float:**   * The most simple. It is a datatype of decimal numbers |
| **list:**   * A list of values, each numbered starting from zero * You can remove values from the list and add new values to the end |
| **tuple:**   * Just like a list, but its values cannot be changed |

Fill in the descriptions below for each operator. You can use this in the future as a reference guide to help you with your labs.

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| **Operator** | **Description** |
| **+** | Add right operand to left operand and assign the result to left operand |
| **-** | Subtracts right hand operand from left hand operand |
| **\*** | Multiplies values on either side of operand |
| **/** | Divides left operand by right hand operand |
| **%** | Divides left hand operand by right hand operand and returns remainder |
| **\*\*** | Performs exponential calculation on operators and assign value to the left operand |
| **//** | Performs floor division on operators and assign value to the left operand |