**Primitive 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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| **int : Integers in java. Will only hold whole numbers: no fractions or decimals.** |
| **Double: The double data set can hold decimals and any numbers. This will hold all necessary numbers for this course.** |
| **Boolean: The Boolean data type can only hold the values of true and false. It is used to turn on and off Java data types.** |
| **float: A variable that has a fractional component attached. Can’t be a whole number.** |
| **char: Short for “Character”, refers to all alphabetical letters used in Java.** |
| **short: For when you need 2-byte signed arithmatic.** |
| **long: Used on occasions you need whole numbers and value exceeds 2 billion.** |