**rimitive 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 : int can only hold whole number data. No decimals or fractions** |
| **Double: can hold decimals and fractions and any real number** |
| **Boolean: used for true or false values and is used as on/off switch in java program** |
| **float:  any real numbers in a certain range of numbers** |
| **char:  used for a single character** |
| **short: any integer from +32,767 to -32,768** |
| **long: any integer from +9,233,372,036,854,775,807 to -9,223,372,036,854,775,808** |