**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 : holds whole numbers except decimals and fractions.** |
| **Double: holds values of whole numbers including decimals (except fractions).** |
| **Boolean: holds values of true or false and off or on** |
| **float: holds values of whole numbers including decimals, but can not be used for precise values. (such as currency)** |
| **char:  holds values as a new character or as an object.** |
| **short: holds values as a memory saver in large arrays.** |
| **long: holds values as a wider variety of values compared to ‘int’ and can be used for arithmetic operations.** |