**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:**  Used to represent an unsigned integer and only represents whole numbers (no decimals or fractions allowed) |
| **double:**  Used to hold decimal values, but should not be used for precise values |
| **boolean:**  Only holds two possible values for true-or-false conditions |
| **float:**  Used to save memory in large arrays and should not be used for precise values |
| **char:**  Used to hold characters such as letters |
| **short:**  Used to save memory in large arrays |
| **Long:**  Used to hold integers, when the range of values provided by int is not large enough |