**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 : 32bit whole number**  **Has a minimum value of -231 and a maximum value of 231-1** |
| **double: 64bit decimal** |
| **boolean: True or False** |
| **float: 32bit decimal (Smaller double)** |
| **char: A single 16bit Unicode Character (Text)** |
| **short: 16bit whole numbers (smaller int)**  **Has a minimum value of -32,768 and a maximum value of 32,767** |
| **long: 64bit whole number (extra-large int)**  **Has a minimum value of -263 and a maximum value of 263-1** |