**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 : Int data type is a 32-bit signed two’s complement integer** |
| **Double: Double data type is a double-precision 64-bit IEEE 754 floating point** |
| **Boolean: A variable that comes out true or false** |
| **float: Float data type is a single-precision 32-bit IEEE 754 floating point** |
| **char: A single 16-bit unicode character** |
| **short: 16-bit signed two’s complement integer** |
| **long: 64-bit signed two’s complement integer** |