**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

|  |
| --- |
| **int : any whole integers** |
| **double: decimal numbers** |
| **boolean: holds true or false values; used as on/off switches** |
| **float: decimal numbers, holds less digits than double** |
| **char: a single character** |
| **short: integer between – 32,768 and 32,767** |
| **long: integer between –9,223,372,036,854,775,808 and**  **9 ,223,372,036,854,775,807** |