**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 :**  **The int data type only hold whole numbers (No decimals or fractions).** |
| **Double:**  **The double data type holds any real number (decimals included).** |
| **boolean:**  **The boolean is either true or false. It acts as an on and off switch in Java.** |
| **float:**  **The float variable can be used to store bigger numbers rather than a short.** |
| **Char:**  **The char data type is used to store any character.** |
| **short:**  **The short variable type stores smaller numbers.** |
| **long:**  **The long data type is used for when a wider range than int is needed.** |