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 : int will represent integers in java. They only hold whole number datas, no fractions or decimals

Double: double will hold decimals numbers or practically any hold humber

Boolean: this hold value of true or false, it will serve as an on or off button switch

float: a float is a rational number that may have a fractional part. Stored in a format that is similar to scientific notation, but typically in binary and sometimes in decimal. Save memory in large arrays

char: a single character type

short: same as an int, but in a smaller range, can save memory in large arrays

long: same as int, but in a longer range