

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 : integers hold numbers only

Double: double datatype holds decimals and real numbers

Boolean: hold only true or false

float: holds large numbers with 7 digit accuracy

char: fixed length storage of string

short: Holds signed 16-bit (2-byte) integers that range in value from -32,768 through 32,767. It contains integer values that do not require the full data width of Integer

long: Holds signed 64-bit (8-byte) integers ranging in value from -9,223,372,036,854,775,808 through 9,223,372,036,854,775,807 (9.2...E+18).

