**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 :** Size is 32 bits = 4 bytes,biggest number,only integers |
| **double:** 64 bits = 8 bytes = store decimal |
| **boolean:** TRUE or FALSE; True = 1, Float = 0 = 1 bit |
| **float:** 32 bits= 4 bytes = store decimal |
| **char:** 16 bits = 2 bytes  ASCII  A = 142 |
| **short:** 16 bits = 2 bytes  Only integers |
| **long:** 64 bits = 8 bytes  No decimal  Only integers |