Primitive Data Types

<u>int :</u> **Integers in Java are represented by the int datatype and will hold any whole number values data.**

<u>double:</u> **Doubles are similar to ints in terms of principle except they utilize decimals instead.**

<u>boolean:</u> **Boolean datatypes are used for true false values and acts as a sort of on off switch.**

<u>float:</u> **Float can be used to represent extremes of numbers large and small as well as, "NaN" and positive & negative infinity.**

<u>char:</u> **Use the Char data type when you need to hold only a single character without an overhead.**

<u>short:</u> **Short data type is used to hold integer values that don't require full data with of an integer.**

<u>long:</u> **Long is used for widening the data type or a two's complement integer.**