01\_Scaffolding

**Why Does This Matter?**

* CS Awesome 1.1

**Java Template Code – Class**

* CS Awesome 1.2

**Hello World**

* CS Awesome 1.2

**Space/Tab – Whitespace Conventions**

* CS Awesome 1.2

**Basic Print Commands**

* CS Awesome 1.2
* <https://docs.oracle.com/javase/7/docs/api/java/lang/System.html#out>
* UIL Print Commands Printf

**Print Commands w/ Escape Sequences**

* CS Awesome 1.2
* [**https://stackoverflow.com/questions/1367322/what-are-all-the-escape-characters**](https://stackoverflow.com/questions/1367322/what-are-all-the-escape-characters)

**Errors and Debugging**

* CS Awesome 1.2
* [**https://en.wikipedia.org/wiki/Grace\_Hopper**](https://en.wikipedia.org/wiki/Grace_Hopper)

**Adding Comments**

* CS Awesome 1.2

**What is a Variable**

* CS Awesome 1.3

**Declaring and Naming Variables**

* CS Awesome 1.3

**Assigning Values to Numbers**

* CS Awesome 1.4

**Primitive Variables Types**

* CS Awesome 1.3
* How decimal numbers are stored: <https://en.wikipedia.org/wiki/Double-precision_floating-point_format>
* How numbers are stored: Youtube Video about Binary and Memory

**Object Variable (String)**

* CS Awesome 2.1

**Math Operators**

* CS Awesome 1.4

**Compound Assignment**

* CS Awesome 1.5

**Range of Variables**

* CS Awesome 1.6

**Casting Variables**

* CS Awesome 1.6
* **Counting | Number Bases (Converting Between Bases, Number Math)**

**Import Code**

**Scanner Class**

* **Documentation:** [**https://docs.oracle.com/javase/7/docs/api/java/util/Scanner.html**](https://docs.oracle.com/javase/7/docs/api/java/util/Scanner.html)

**Input Practice**

**Tricky Stuff**