**Lesson 12 – Instance Variables**

* **Instance Variables** 
  + Instance of an Object **(Attributes)**
  + **Scope** = Extends through their entire class
    - Declared outside of all methods but within the class
  + **Lifetime** = Lifetime of the Object
* **Accessor Methods** (Getter Methods)
  + Allow for queries to return data from a class that is stored in an instance variable
    - Layout:
      * **Scope** = Public
      * **Type** = Whatever type is required
      * **Name** = getInstanceVariable
      * **Parameters** = Whatever is required (usually none)
      * **Body** = return this.instanceVariable
* **Modifier Methods** (Setter Methods)
  + Allows for commands to modify instance variables
    - Layout:
      * **Scope** = Public
      * **Type** = Whatever type is required (usually void)
      * **Name** = setInstanceVariable
      * **Parameters** = Whatever is required
      * **Body** = this.instanceVariable = Argument