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GIS 610

Exercise 3

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**Questions 1-4, 11**

1. **Properties** are a specific type of attribute which have methods associated with them tied to an object (ex. \_get\_). **Methods** are specific functions that are associated with their respective objects, which are just instructions created to run a task multiple times. Functions however are not always methods, as a method requires it to be a part of an object.
2. Statements:
   1. Property
      1. I believe this is a property because it is an *environment setting* for a specific *object*, therefor an *attribute*.
   2. Method
      1. This is a method because it is an arcpy *function* being used to search the records of a specific *object*.
   3. Method
      1. Again, this is a specific *function* used to set the field value of a object, being able to be replicated.
   4. Property
      1. This returns a ‘*datetime’* *object* when used, as it is a *property* of the ‘ArcGISProject’ *object* that utilizes a specific function.
   5. Property
      1. Again, the *isBroken*property is associated with the ‘*Table’ object*, which just reports whether the data source is broken.
3. I believe this a *function* being used to evaluate two *variables*, seeing if both the first letters in lowercase form are equal with a final TRUE or FALSE print out. Based on this assumption, it would print TRUE if both the parameters had the same first letter (or if in two lists, whether the values are equal).

11. **GitHub Link**