Lesson 10 – Discussion

**Variables and scope**

How does Python differ in this are compared to other languages that you know.

<https://python-textbok.readthedocs.io/en/latest/Variables_and_Scope.html>

Python varies is some aspects from the other languages that I am used to, these being Java and C#. for example, Python is dynamically typed while the other two languages are statically typed. This is shown through variable declaration, because variables in python are not declared with a type. You simply assign a value to the variable name, and no specified type is needed. The comparison of these language’s scopes are fairly similar. While java and C# use brackets to identify functions and classes, Python simply uses indentations. But, in the same way, all of these languages treat local variables declared inside of a function local to that function. Once the function ends, these local variables are destroyed and not accessible outside of the function they were declared in.