Lesson 09 – Notes

**Functions (def statements), the None value, and Arguments**:

Functions:

* Mini programs within your program
* Contains code that executes when the function is called
* Use the def() statement to define a function

\*Function calls can be part of expressions, because they evaluate to the value returned by the function call\*

Parameters:

* The variable inside the function

Return Values/Statements:

* Every function has a return value
* BUT you don’t have to have a return statement
* If function does not have a return statement, the default return value is the None

None Value:

* Represents the absence of a value
* The only value of the None Data Type
* Print returns this
* Can pass multiple arguments to this function & it will separate each w/ a space
* Can use the ‘sep’ keyword to change the separating character - ,

Keyword Arguments:

* Optional values passed in the function call
* Identified by the keyword put before them