C3 – Python Key Terms

Boolean - binary data type, either true or false
Strings – sequence of characters
Lists - a sequence of abstract data types
Variable – storage locations for data
Function - procedure
Method – procedure with a message and an object
Algorithm – defined procedure or instructions
Parameters – a variable used to refer a piece of data in a function or method
Mutable – can be modified
Immutable – can’t be modified

Examples:
Data Type: Boolean
Operator: +
Comparison Operator: ==
Boolean Literal: true or false
Expression: 2 + 3
Statement: 5 == 5
String: “This is a string”
Integer: 5
Float: 5.0
Function: print()
String Method: replace()
List Method: len()
Execution Control: (1 + 1) + 1 + (1 + (1 + 1))
Conditional Control: If (1 > x): print(1 is bigger than x) else: print(1 is not bigger than x)
Iteration Control Flow: For n in list: print(n)