CS 150 Fall 2021 – Quiz 2 “Cheat Sheet”

Numeric Operators
+,-,/,*: Addition, subtraction, division, multiplication
//: Floor division: Round division result down to nearest whole number
%: Modulus: Evaluate to remainder of division

Strings
• The following functions are built-in
  len(string): Returns the number of characters in the string
  int(string), float(string): Converts numeric string to int or float
  str(object): Converts object, e.g. int or float, to a string
• String operators
  string1 + string2: Returns a new string that is the concatenation of string1 and string2
  string * int: Returns a new string that is string repeated int times

Modules
• random module
  randint(a, b): Return a random integer N such that a ≤ N ≤ b
  uniform(a, b): Return a random floating point number N such that a ≤ N ≤ b
• math module
  sqrt(num): Return the square root of num