Use the tools and resources from class to help complete this assignment.

Write your answers to the questions below in hard copy format. (i.e. pen or pencil)

1. Write a short program to do the following:
   * Assign a value of 6 to a variable named “numVal”
   * Write an assignment statement to subtract 1 from the variable “numVal”
   * Print out the value of the variable “numVal”
2. Write a short program to do the following:
   * Read in a string from user input and assign it to a variable called “strVal”
   * Print out a message similar to “The string you typed was: “ + strVal
3. Write a short program to do the following:
   * Read in a integer from user input and assign it to a variable called “numVal”
   * If the number is greater than 5 then print out the message “Your number is greater than five.”
   * Otherwise print out the message “Your number is less than five.”
4. Write a short program to do the following:
   * Read in a integer from user input and assign it to a variable called “numVal”
   * Use a loop to print a countdown using the typed number.
   * For example, if the typed number is 3 then the output would be:
     + Countdown: 3
     + Countdown: 2
     + Countdown: 1
     + Countdown: 0
     + Blastoff!!!
5. Write a short program for a number guessing game using the following code:
   * from random import \*
   * numComputer = randint(1,10)

Your program should to do the following in a loop:

* + Read a user guess from the console input
  + Compare the user guess to the “numComputer”
  + Print “Guess again higher” if the user guess is less than the computer number
  + Print “Guess again lower” if the user guess is greater than the computer number
  + Print “Correct!” if the user guess equals the computer number
  + Your program should keep looping until the user guess is correct.