**Exercise 2**

Solution file: 02\_inventory.sh located in your home directory

In this exercise we will begin to build our shell script using the “echo” and “networksetup” commands.

Text in bold italics is text you should type at the command prompt.

If you’re up for a challenge, try to accomplish the tasks below without opening the 02\_inventory.sh exercise file for the solution.

1. Open TextWrangler and create a new script called inventory.sh in your home directory.
2. Begin the script with the “sha-bang” for bash.
   1. Hint: use the “type” command to get the path for the BASH interpreter if you don’t know it. (type ***type bash*** into the command window)
   2. Create comment lines with the following below the first line:
      1. Author of the script and the creation date
      2. The purpose of the script
3. Write code to echo out “Inventory Script” to stdout (the screen)
   1. Suggestion: Put a comment before the code documenting the purpose of the code.
4. Write code to get the network interface Ethernet (MAC) addresses using the “networksetup” command.
   1. Hint: Use the –getinfo “Ethernet” as an option
5. Write a line of code to get the “WiFi” IP address using the networksetup command.
   1. Hint: use the –getinfo Wi-Fi option
6. Type ***exit 0*** at the end of your script.
7. Save your script.
8. Open a terminal window and navigate to the directory where your script is located. If you save the file to your Desktop, you can get there in a terminal window by typing “cd ~/Desktop/”.
9. Change the permissions on the script to make it executable.
   1. chmod u+x inventory.sh
10. Run the script by typing ./inventory.sh
    1. $ ***./inventory.sh***