Exercise 6

Solution File: 06\_inventory.sh

In exercise 6, you will pull out specific information from the system\_profiler output for ‘SPHardwareDataType’. You will set a variable for the output of the script to more easily capture the information you want in a text file. All output will be redirected to the variable.

1. Grep system\_profiler SPHardwareDataType for the memory information.
   1. Hint: "Memory:"
2. Grep system\_profiler SPHardwareDataType for the Model Identifier.
   1. Hint: "Model Identifier:"
3. Grep system\_profiler SPHardwareDataType for the Processor Type information.
   1. Hint: "Processor Name:"
4. Grep system\_profiler SPHardwareDataType for the Processor Speed information.
   1. Hint: "Processor Speed:"
5. Create a variable for the computer name with this command:
   1. $( system\_profiler SPHardwareDataType | grep "Serial Number"| tr -d "Serial Number (system): ")
6. Add a new variable that uses the variable in step 5, along with your userID to name the file. End in .txt.
   1. Hint: "$(whoami)-$SERIALNUMBER.txt"
7. Add a variable for file output path using the variable name from step 6.
   1. Hint: “./$STEP6VAR” outputs to same directory as script
8. Redirect all output to the temp file
   1. Hint: Redirect to variable from step 7 >> "$STEP7VAR"
9. Save the file and run it.