**Scripting Mod 08 Tutorial – BASH Files and Directories**

Our goal will be to translate the Mod 04 Python tutorial. To do that we’ll have to change our logic a bit since we don’t have lists (and thus nested lists). SFTP file Mod08\_Tutorial\_Starter.sh from our sftp server.

Our goals:

1. Check for a mod08t directory just off the home directory and make the directory if it doesn’t exist.
2. Clean up the employee\_string so it will work as an array.
3. Make an array of employee data where each name, address and city is an element of the array.
4. Write a header to employee.csv destructively.
5. Write the employee data out to employee.csv in the mod08t directory.
6. Make an array of all the city names.
7. Sort that city name array and only keep the unique entries.
8. Add last names to each matching city. Each element of the array, then, is like “Berlin|Burkman|Soper|Chen”
9. Print the cities and matching names in a clean fashion
10. Make a compressed emp\_data.tgz file of employee.csv in the mod08t directory without getting the directories. Delete the tgz file if it exists, first.