**Overview**

The purpose of this practice set is to provide additional practice on the following topics:

* Combining commands through the use of pipes
* Using filtering commands
* Input and output redirection

*The following questions rely on the directory diagram on the last page. Refer to that diagram for information regarding the home and current directories.*

1. Write a command to view the last 12 lines of the **flower** file.
2. Write a command to count the number of words in the **Min.txt** file.
3. Write a command that displays the content of the **moon** file and translate the output of from *upper-case* to *lower-case.*
4. Using the **grep** command, find instances of the text “Math” in the Math.c and Math.h files
5. Use find command to search for all files named “HONEY” on the system and ignore all errors that may come up through the use of redirecting standard error.
6. Redirect the **word1** file as input to the sort command.
7. List all the files in the **box** directory and redirect the output into a file named **my\_ls.txt**
8. Write a set of commands that get the first 10 lines of the **moon** file then sorts that output and lastly saves it to a file name **top\_10\_sorted**.
9. Using the **cut** command, display the 2nd and 5th fields of the **moon** file. Assume that the contents of the file are in the form of: a,b,c,d…
10. Using a set of commands get the 1st through 4th fields in the **flower** file then sort it and redirect the first 5 into a file called **results.txt**. Assume that the contents of the file are in the form of: a,b,c,d…
11. Using a set of commands, find the instances of the text “Date” in the **Min.txt** file and translate the results from lower-case to upper-case then sort it. Output these results to the **sorted\_list**.
12. Use the file **Max.txt** as the input for the wc command to count the number of lines in Max.txt

ULI101 Directory Structure

Things to note:

Rectangular boxes are directories

Oval boxes are regular files

Your user’s home directory is **earth**

Your present working directory is **ultra**

ipc144

uli101

fire

ice

Root **(/)**

play

elements

mega

box

ultra **(pwd)**

funky

super

times

earth **(home)**

fun