**CS 3421 Week 4 Problems: find and grep**

**1:** Use the appropriate utility to list all .jar files in /usr/local and its subdirectories which belong to you.

find /usr/local –name ‘\*.jar’ –type f –user username(ex:root, bmburkhardt, etc.)

**2:** Use the appropriate utility to list all directories and subdirectories modified less than a day ago.

find . –type d –mtime -1  
  
the . means current directory

**3:** Use the appropriate utility to print the file contents of all .txt files within the current directory and subdirectories.

find . –name ‘\*.txt’ –exec cat {} \;

**4:** Use the appropriate utility to print all lines from files in the current directory containing the string “assign1.h”.

grep –F “assign1.h” \*

**5:** Use the appropriate utility to print all lines from files in the current directory *and subdirectories* containing the word “at”. Note that it should not match substrings (e.g., “cat”, “hat”, “bat”).

grep –w “at” -r

**6:** Use the appropriate utility to lines numbers from files in the current directory *and subdirectories* containing the word “assign1.h”. Do not print the name of the file

grep –n –h –r –F “assign1.h”