**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" -user myusername

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

find . -type d -mtime -1

**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 -F -r -w "at" \*

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

grep -F -r -n -h "assign1.h" \*