

Homework 1

Due Date: February 2

All written homeworks are due at the **beginning of class** on the due date. Note that there is no provision for written homework turned in late. If your homework is longer than one page, please staple or paper-clip the pages together. Show your work for maximum (partial) credit. Be as neat as possible; if I can't read it, it's wrong.

At the end of your homework, please write and **sign** the Honor Code pledge:

I have abided by the Wheaton College Honor Code in this work.

For each of the following problems, write the answer **and** write the Linux command(s) you used to find that answer.

1. What is the name of the Linux distribution that we use on the computers in csLab?
2. What is the name of the window manager we use on the Linux computers in csLab?
3. How many words are there in the file `mobyDick.txt`?
4. What is the second largest number in the file `randomNumbers`?
5. On your cheat-sheet and/or the `man` page, look up the `grep` command. How many times does the word “island” appear in `mobyDick.txt`?
6. How many times does the exact number 5211 appear in `randomNumbers`? Use `grep` to find only **exact** matches without having to scroll or use the `less` command.
7. What is the command to rename the file `randomNumbers` to `randomNumbers.txt`?
8. What day of the week did August 12 fall on in 1822?