Task 1: 1a. echo $PS1: \s-\v\$

2a: echo $EDITOR: /usr/bin/emacs -nw

echo $HOME: /mnt/linuxlab/home/kjenifer1

echo $HOSTNAME: pcl1-2.salisbury.edu

echo $ $LD\_LIBRARY\_PATH: :/usr/local/cuda/lib64

echo $LESS: NO VALUE

echo $MAIL: /var/spool/mail/kjenifer1

echo $MANPATH: :/opt/puppetlabs/puppet/share/man

echo $MORE: NO VALUE

echo $PAGER: less

echo $PATH: /usr/local/cuda/bin:/usr/lib64/qt-3.3/bin:/usr/lib64/ccache:/usr/local/bin:/usr/local/sbin:/usr/bin:/usr/sbin:/bin:/sbin:/opt/puppetlabs/bin:/mnt/linuxlab/home/kjenifer1/bin:/mnt/linuxlab/home/kjenifer1/bin/scripts

echo $PWD: /mnt/linuxlab/home/kjenifer1

echo $SHELL: /bin/bash

echo $TERM: xterm

echo $USER: kjenifer1s

Task 2: 1.echo $PS1 > saved.txt

2. PS1 = “COSC \W”

3. PS1 < saved.txt

Task 4: 1: ls –l nonexist 2> bar

2: ls -1 > nonexist 2> bar /dev/null

3. echo -e "3\n5\n2\n1" > foo

4. cat foo > bar

5. cat foo | sort

Yes the numbers were sorted numerically.

6. cat foo | sort > bar

Task 5: 1: checked first to see if file existed. If it did then let user know it already exists. if not created file. Then made a for loop that uses seq command to echo and append from 1-100

2: 100 100 292. Wc displays the number of newlines, words, bytecount, and file name.

3. cat numbs | head -38 | tail -n +25 > somenumbs

4. 14 14 42 somenumbs. Wc displays 14 newlines, 14 words, bytecount, and file name.

Task 6a.