**Task 1:**

1) **[ \u@\h \W] \$**

2) EDITOR: **/usr/bin/emacs -nw**

HOME: **/mnt/linuxlab/home/jcobb1**

HOSTNAME: **hslinux.salisbury.edu**

LD\_LIBRARY\_PATH: **:/usr/local/cuda/lib64**

LESS: **NO VALUE**

MAIL: **/var/spool/mail/jcobb1**

MANPATH: **:/opt/puppetlabs/puppet/share/man**

MORE: **NO VALUE**

PAGER: **less**

PATH: bin: **/usr/lib64/qt-3.3/bin:/usr/lib64/ccache:/usr/local/bin:/usr/**

**bin:/usr/sbin:/opt/puppetlabs/bin:/mnt/linuxlab/home/jcobb1/bin:**

**me/jcobb1/bin/scripts**

PWD: **/mnt/linuxlab/home/jcobb1**

SHELL: **/bin/bash**

TERM: **xterm**

USER: **jcobb1**

**Task 2:**

1. **ORIGINAL\_PS1 = $PS1**
2. **PS1=”[COSC350 \W]:”**
3. **PS1=$ORIGINAL\_PS1**

**Task 3:**

1. **Nothing to write**

**Task 4:**

1. **ls so 2>bar**
2. **ls so 2>/dev/null**
3. **echo 3 >> foo**

**echo 5 >> foo**

**echo 2 >> foo**

**echo 1 >> foo**

1. **cat foo >> bar**
2. **sort -n < foo, yes it was sorted numerically**
3. **sort -n < foo > bar**

**Task 5:**

1. **for I in $(seq 1 100); do echo $i >> numbs; done**
2. **100 100 292 numbs**. **100 lines, 100 strings , and 292 characters in the file numbs**
3. **sed -n ’25,38p’ numbs |cat > somenumbs**
4. **14, 14, 42 somenumbs. 14 lines, 14 strings , and 42 characters in the file somenumbs**

**Task 6:**