D. Emacs & Linux Cheat-Sheet

The emacs editor and the Linux system are most effectively used if commonly-used commands are memorized. The following are the commands used most frequently for CS 124:

Common Emacs Commands

```
C-a ............... Beginning of line
C-e ............... End of line
C-k ............... Kill line. Also puts the line in the
                    buffer
C-_ ............... Undo
C-x C-f .......... Load a new file or an existing file. The
                    name will be specified in the window
                    below

C-x 2 ............ Split the window into two
C-x 1 ............ Go back to one window mode
C-x ^ ............ Enlarge window
C-x o ............ Switch to another window

Alt-x shell ...... Run the shell in the current window
Alt-x goto-line .. Goto a given line

C-x C-c .......... Save buffer and kill Emacs
C-x C-s .......... Save buffer

C-space .......... Set mark
C-w .............. Cut from the cursor to the mark
Alt-w ............ Copy from the cursor to the mark
C-y .............. Paste from the buffer
```

Common Linux Commands

```
cd ............. Change Directory, move from
                 the current directory to another
ls ............. List information about file(s)
ll ............. More verbose version of ls
mkdir .......... Create new folder(s)
mv ............. Move or rename files or
                 directories
cp ............. Copy a file from one location to
                 another
rm ............. Remove files
rmdir .......... Remove folder(s)
pwd ............ Print Working Directory

cat ............ Display the contents of a file to
                 the screen
more ........... Display output one screen at a
                 time
clear .......... Clear terminal screen

exit ........... Exit the shell
fgrep .......... Search file for lines that match
                 a string
kill ........... Stop a process from running
man ............ Review the help page of a given
                 command
yppasswd ....... Modify a user password

emacs .......... Common code editor
vi ............. More primitive but ubiquitous
                 editor
nano ........... Another editor

g++ ............ Compile a C++ program

styleChecker ... Run the style checker on a file
testBed ........ Run the test bed on a file
submit ......... Turn in a file
```