

Handout #2

Logging into *albert*:

1. Boot with Knoppix (the linux boot disc)
2. Click on the *monitor* icon to open a terminal
3. type "ssh -X *username*@albert.washcoll.edu" where *username* is the address you use for email.
4. type "emacs &" to open the text editor in the background
5. Select the terminal to use the following Linux commands

Using *Linux*:

Command	Effect
mkdir <i>dir</i>	make a directory called <i>dir</i>
cd <i>dir</i>	change directory into <i>dir</i>
cd ..	change 'down' a directory
cd	changes into "your" home directory
ls	list the files in the current directory
make	execute commands in the Makefile
rm <i>file</i>	remove a file called <i>file</i>
mv <i>file loc</i>	move a file to a location
mv file.cc ../.	moves file.cc down a directory
chmod 700	change permissions to rwx for you only
ctrl-c	Sends signal "interrupt" to a program
ctrl-z	Puts a program to "sleep"
bg	Run the sleeping process in the background
./ <i>exe</i>	Execute a program called <i>exe</i> in current directory
./ <i>exe</i> &	Execute a program called <i>exe</i> in the background

Today's tasks:

1. Automate setting F4 to compile in .emacs
2. Automate C++ colors in .emacs
3. Open hello.cc now and see colors/compilation
4. Execute hello
5. Alias rm -i, cp -i, mv -i in .bashrc
6. Make a directory for class (chmod 700), move some files into that directory