Computer Lab Notes

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# Basics

Lab Information Website: **http://tux.cs.unlv.edu/**

Or go to Google and type: **unlv tux** (1st link)

# Logging Into Bobby

LINUX:

1. Open a terminal.
2. Type **ssh username@bobby.cs.unlv.edu**
3. SSH may give an authenticity warning. Type **yes** to continue.
4. Enter your password.

WINDOWS:

1. Open SSH client program: Secure Shell Client.
2. Hit SPACEBAR or ENTER key.
3. Type **bobby.cs.unlv.edu** into the hostname field.
4. Type your login name in the username field.
5. SSH may give an authenticity warning. Select **yes** to continue.
6. Enter your password.

# Linux Commands

**pwd** – prints the current directory

**cd** – get back to your home directory

**cd directory** – go to a directory

**cd ..** – go to upper directory

**cat filename** – display entire contents of a file

**more filename** – display contents of file on page at a time

**mv oldname newname** – rename a file

**rm filename** – delete a file

**emacs filename** – edit a file

**vi filename** – edit a file

**cp sourcefile destination\_file** – copy contents of sourcefile into destination\_file (create destination\_file if it does not exist)

**ls** – list contents of current directory

**ls directory\_name** – list contents of directories

**mkdir directory\_name** – create a directory

**mv oldname newname** – rename a directory

**rmdir directory\_name** – delete directory

**rm –rf directory\_name** – delete a directory tree

**lpr filename** – print file to default printer

**lpr –Pprinter\_name filename** – print to a chosen printer

**lpq** – list print jobs

# Compiling

Compile a C program: **gcc filename.c**

Compile a C++ program: **g++ filename.cpp**

Execute your compiled program: **./a.out**

OR

Compile a C program: **gcc -o filename.o filename.c**

Compile a C++ program: **g++ -o filename.o filename.cpp**

Execute your compiled program: **./filename.o**

# Sending Mail

Without subject line: **mail recipient@unlv.nevada.edu < file**

With subject line: **mail -s "Subject Line" recipient@unlv.nevada.edu < file**

With subject line and copy to yourself: **mail -s "Subject Line" -c username@unlv.nevada.edu recipient@unlv.nevada.edu < file**