

# Lab 1 – Answer Key

## *Working With Linux*

**Question 1.1** *Describe briefly how the -l (lowercase L) option modifies the action of the ls command.*

provides a long listing (more detailed) format

**Question 1.2** *List the subdirectories and files within the directory /home/courses/cs111/handouts/lab0.*

example.css example.html example.jpg hello.py second.py

**Question 1.3** *Enter the command*

```
ls /home/courses/cs111/handouts/lab0/*.py
```

```
ls /home/courses/cs111/handouts/lab0/example.*
```

*For each command, what files are displayed and what do they have in common?*

hello.py second.py

They all have the extension (or end with) .py

example.css example.html example.jpg

They all start with) example.

**Question 1.4** *List the contents of the /home/courses directory.*

cs111 cs112 cs210 cs315

**Question 1.5** *What is the full name of your current working directory?*

/home/students/username (may be preceded with /csdept)

**Question 1.6** *What is the full name of your current working directory now?*

/home/students/username/labs

**Question 1.7** *Are there any files within your lab0 directory?*

No

**Question 1.8** *Which directory are you now in and what is its contents?*

Directory: `/home/students/username/labs`

Contents: `lab0`

**Question 1.9** *What is the contents of your lab0 folder?*

`hello.py second.py second.py.bak`

**Question 1.10** *Use the `man` command and indicate what the `-r` option does when used with the `ls` command.*

Prints out the file list in reverse order when sorting

**Question 1.11** *List all files and directories within your home directory whose name begins with `.b`.*

`.bash_history .bash_logout .bash_profile .bashrc`