

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`