Terminal Commands Cheat Sheet

Below is a non-exhaustive reference of common terminal commands you will use throughout the course. Additional commands may be added as the semester progresses.

pwd   Display the full path of the current working directory/folder

ls   List the files and directories in the current directory

cd   Change your current directory to the home directory

cd *<folder_name>*   Change your directory to *<folder_name>*

cd ..   Move up to the parent directory

mkdir *<folder_name>*   Create a new folder named *<folder_name>*

rm *<file_name>*   Delete file named *<file_name>*

rm -r *<folder_name>*   Delete folder named *<folder_name>*

mv *<file/folder_name>* *<folder_name>*   Move *<file/folder_name>* from current

working directory to new directory named *<folder_name>*

clear   Clear all text from the terminal screen

Note: These commands work on Linux and macOS (Unix-like systems). On Windows Command Prompt, some commands, such as **ls**, **pwd**, **rm**, **mv**, and **clear**, don't work natively. Instead, you'd use **dir, cd, del/rmdir, move,** and **cls,** respectively.

Compile Java Source File:

   javac path/to/folder/<file-name>.java

Run Java Class:

   java package.name.*ClassName* [optional-arguments]

Zip Folder (**zip**: also native to Unix/Linux/macOS):

   zip -r *<new-zip-name>*.zip *<folder-name>*

Example

```
$ pwd
/home/student/cs250

$ ls
exercises

$ cd exercises/

$ pwd
/home/student/cs250/exercises

$ ls
Exercise1.java        Exercise2.class        Exercise2.java

$ rm exercise2.class
rm: cannot remove 'exercise2.class': No such file or directory

$ rm Exercise2.class

$ ls
Exercise1.java        Exercise2.java

$ cd ..

$ pwd
/home/student/cs250

$ mkdir Test

$ ls
exercises        Test

$ mv Test ..

$ ls
exercises

$ cd ..

$ ls
cs250        Test

$ rm Test
rm: cannot remove 'Test': Is a directory

$ rm -r Test

$ ls
cs250

$ cd

$ pwd
/home/student
```