

1 Purpose:

What we will learn:

1. Opening the terminal!
2. Simple navigation commands: **cd**, **ls**
3. Where am I? **pwd**
4. Everything starts from / (root directory). - Global Paths
5. Relative paths who?
dot dot (**..**), dot (**.**), tilde (**~**) → parent/up, current location, home sweet home
6. File structure: */, /etc, /dev, /bin, /usr, /acct*
7. Print contents of files: **cat**
8. Create empty directories and files: **mkdir**, **touch**
9. Download files from the internet: **wget**, **curl**
10. Move files/directories and rename them: **mv**
11. Delete files: **rm**

2 Practice:

You don't have to submit anything for this part. Just follow along in class.

3 Start Here:

Before starting be sure to open a text editor i.e. 'gedit' and add the output of 'hostname' and 'whoami' to the top of the file. Save the file as `username_lab01.txt` on your '`~/Desktop`' directory and keep it open.

4 Test:

Please answer these questions based on what you have learned in this lab. **Record your answers in a '.txt' file named `username_lab01.txt`**

1. What directory do you start in when you open a terminal? (The name of the directory, not the global/relative path)?
2. What is the relative path for the question above? What is the global path?
3. Using **one** of the **relative path symbols**, give **one** command and to navigate from your `~` directory to the root directory `/`.
4. What is the full command you would use to get to the root directory **without** using the relative path symbols?
5. What command should you use to get back to your `~` directory?

Be sure to start this part in your `~` directory.

6. Navigate to your `~/Desktop` directory (Command is your answer).
7. Show the files/directories in the directory (Command and output is your answer).
8. Print the contents of the `username_lab01.txt` file (Command and output is your answer).
9. Create an empty file called `xtrain.csv` and a directory called `data`. Your answer should include the commands you use and the output showing that the files exist.
10. Move the `xtrain.csv` into the `data` directory. (Give the command you used and show that the file was moved)

After you have answered all the above questions, delete the `xtrain.csv` file and the `data` directory. Use `rm -r data` while you are in the `~/Desktop` directory.

5 Submission:

Please save your lab as a `.txt` file with the name `username_lab01.txt`.