Most important in cli is to practice and learn the commands. The handout in the slides (also in today's material post) are a good cheatsheet for the most common ones. Try all of them out, especially the ones not mentioned in the slides.  
  
Additional exercises:  
=================  
- redo everything of the live session by yourself again (see list at the end of the instructions)  
- add a new directory into our powercoders directory called "Day 02"  
- make 20 more directories and remove them all  
- make a single path of directories that is 10 deep and remove them one at a time  
- what’s the command to list all the non-hidden files and directories that start with the letter “s”?  
- what is the command to list all the non-hidden files that contain the string “onnet”, long-form by reverse modification time? Hint: Use the wildcard operator at both the beginning and the end.  
  
Look up following commands and find out what these do:  
- find out what "pushd" and "popd" do, play around with them  
- mac : xargs, sudo, chmod, chown  
- win: forfiles, runas, attrib, icacls  
  
Games  
- find out how to play "pong" on your terminal  
- play at least one of the following games listed here and here  
<https://overthewire.org/wargames/>  
<http://web.mit.edu/mprat/Public/web/Terminus/Web/main.html>  
  
  
Live session  
- hello world   
 echo hello world  
- what's your computer's name?   
 hostname  
- create a folder called "powercoders" on desktop   
 mkdir powercoders  
- move inside the folder >   
cd /c/Users/asmar/Desktop/Powercodes/VS-INTRO/powercoders  
- check to see the current file path   
pwd  
- create an empty file called "index.html" inside the folder   
cd powercoders  
touch index.html  
  create a second file with the content "hello world" and the name "test.txt"  
mkdir test.txt  
- open that file in visual studio code  
  
- add text to it and save

- rename the file to "test2.txt"

mv Test.txt Test2.txt

- copy the file and call it "indexcopy.html"

cp -R Test2.txt indexcopy.html

- open both files in VSC

code indexcopy.html

- count the number of characters and lines

To count the number of lines, use “wc” with “l” as lines: wc -l Test2.txt

To count the number of words, use “wc” with “w” option as word: wc -w Test2.txt

- move the file "test.txt" into a new folder "test" on desktop  
mv

Cd ..

mkdir test

mv powercoders/Test2.txt test

- rename the folder "test" to "to delete"  
mv test "to delete"

- delete the folder "to delete"

rm

cp /dev/tty hello.txt

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop/VS-INTRO

$ echo hello world

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop/VS-INTRO

echo hello world  
hello world

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop/VS-INTRO

$ hostname

DESKTOP-U3OUIBA

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop/VS-INTRO

$ cd ..

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop

$ mkdir powercoders

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop

$ pwd

/c/Users/asmar/Desktop

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop

$ cd /c/Users/asmar/Desktop/powercoders

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop/powercoders

$ pwd

/c/Users/asmar/Desktop/powercoders

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop/powercoders

$ touch index.html

asmar@DESKTOP-U3OUIBA MINGW64 ~/Desktop/powercoders

$ cat > /c/Users/asmar/Desktop/powercoders/test.txt