**Which terminal commands are especially useful for developers?**  
  
**man** – is a manual that goes together with any command to show you all the options and tricks you can do

You can try something like man ls to see all the ls options  
  
**q** allows you to exit  
  
**CTRL + C** allows you to quit any long running process

**up arrow / down arrow** – gives you the previous commands  
  
**pwd** – print path to current working directory  
  
**ls** – list contents of current directory

**ls -al** – you get more information – permissions, who is owner, file size, and date of file  
  
**ls -a** you can see hidden files.

**cd** – change directory   
  
if you start typing and hit TAB it will autocomplete for you  
  
**cd ..** adding 2 periods to cd of course will tell you to move backwards one directory

**cd** – minus takes you to previous directory where you used to be  
  
**cd** alone takes you home

**cd /home/kenan** – you can put in paths  
  
**mkdir** – allows you to make a new folder  
  
**touch** – allows you to make a new file  
  
**cp** – is copy  
  
cp new-file.txt new-folder/new-file-copy.txt (you are changing the name)  
  
**mv** – moves the file  
  
mv new-file-copy.txt ../new-file.copy.txt (this moves it up one folder into new-folder)  
  
if you don’t want to move it to new folder you can skil the ../ but still rename it.  
  
**rm** – allows you to remove a file  
  
**rm -r** allows you to delete entire folder

**code** - to launch a text file into visual studio code just hit

code sample.txt  
  
**cat** – see what is inside a file  
  
you can use more than one file name with cat…if you just write 2 file names it will show what is in both  
  
you can also concatenate and make a 3rd one out of the concatenation of the two like so:  
  
Example: cat file-1.txt file-2.txt > file3.txt  
  
You can also do some cool things where file3.txt becomes something completely different.  
  
For example you can run ls > file-3.txt  
then when you do cat file-3.txt it will show you a file-3.txt with the results of ls

**how do you append things to the end of a file?  
  
echo** - display a line of text or a string of characters on the terminal  
  
you can run echo Hi >> file-3.txt

this will display the text in file-3 and also add to it the word Hi at the end

This only works with double arrow >>  
  
A single arrow overwrites everything