WEEK 2 - 2015-11-03

**2 - Command Line Interface (CLI )**- way of working with files and folders

* Windows: Git Bash

**What can CLI do?**

* Navigate folders
* Create files, folders and programs
* Edit files, folders and programs
* Run computer programs

**Basics of directories**

* Directories is another name for Folder
* Directories are organized like a tree
* Directories can be inside other Directories
* We can navigate Directories using CLI

**CLI Basics**

* When you open your CLI you see your prompt. **Working directory** is where you are at the moment. Homedirectory where you start.
* Type “pwd” you will see the path to working directory
* **Command flags arguments** (parametrar)
* **Flags** = options we give **command** to trigger behaviours. preceeded by a “-”
* **Arguments** = can be what the **command** is going to modify
* Depending on the **command** there can be 0 or more **flags** or **arguments**
* **Example = pwd**  is a command with **0 flags** or **arguments**
* **Clear =** Cleaning CLI interface
* **ls =** lists files and folders in current directory
* **ls -a =** lists hidden and unhidden files and folders
* ls -al = lists details for hidden and unhidden files or folders
* -a and -l are flags (proceeded by a -). Can combine inte the flag: -al

**CLI Commands**

**cd**  with no argument takes you to homedirectory

**cd ..** Go back

**mkdir =**  Make directory (takes as an argument the name of the directory)

**touch =** Create empty file

**cp =** copy file (example: cp testfile documents) cp can be used to copy contents in directories.

**cp -r** Documents More\_docs

**rm** = remove/delete (**rm -r** delets entire documents in directories)

**mv =** move (mv new\_file Documents. Also rename files: mv new\_file renamed file

**echo =** print whatver argument you provide

**date** = datum

**pwd =** what directory you are in

**Clear =** Cleaning CLI interface