

# DMIT 1530

Week 3

Command Line Cheat Sheet

# Navigating Your System

cd

Changes directory.

ex. cd Documents/

cd ../

Return to previous directory.

ls (macOS)

Lists what's in the current directory.

dir (Windows)

Lists what's in the current directory.

`mkdir name`

Make a new directory in current location.

ex. `mkdir hello-world`

`clear`

Clears the screen (macOS).

`cls`

Clears the screen (Windows).

# Setting Up Git

`which git`

Prints where Git is installed.

`git --version`

Prints which version of Git you have.

`git help`

Lists common commands that you can use.

```
git config --global user.name "First Last"
```

Sets your name.

```
git config --global user.email "some@email.ca"
```

Sets your email address.

```
git config --global init.defaultBranch main
```

Changes the name of your default branch to 'main'. This means that 'main' will be used in all of the following commands.

# Using Git

```
git init
```

Initialises (creates) a Git repository in the current directory.

```
git clone url
```

This pulls down a remote repository and lets you start working on it locally.

`git status`

Prints messages about the status of the current directory / repository.

`git add file-name`

Adds a specific file to the staging area.

`git add -A`

Adds all files in the current repository to the staging area.

```
git commit -m "Message about this version."
```

Commits your changes by moving everything from the staging area to the repository.

```
git remote add origin URL
```

Establishes where your remote repository is (or will be going).

```
git push -u origin main
```

Pushes (uploads) your repository and any changes to a remote library (ex. GitHub).