GitHub Commands

Open command prompt
- In search bar type: ***cmd***

Navigate to the folder where you want to save your local copy
- In prompt type: ***dir*** to see what folders are present
- In prompt type: ***cd <folder name>*** to open the folder
- In prompt type: ***cd ..*** to move up a folder
- Press TAB to autofill

Note - if this is the first time using github you need to config you email
- ***Git config --global user.name "<username>"***
- ***Git config --global user.email "<email>"***

Make a copy of the git repo onto your local computer
- In the website click ***Code*** while in the master
- In the website press the COPY SYMBOL beside the URL
- In prompt type: ***git clone <Git repo URL>***

Check out your branch so you can start working on it
- In prompt type: ***git checkout <branch name>*** Used to switch or create a branch

Updating your branch to the latest version
- In prompt type: ***git pull origin <branch name>*** This does 2 lines at once, it does git fetch which downloads the code and does git merge to merge the code into yours
- In prompt type: ***git merge origin <branch name>*** Can be used to merge another branch into yours
  - If there are errors, they should appeared if I open the file again (eg. in notepad)

Commit your branch once you are ready
- In prompt type: ***git add .*** select all the files so you push all of them
- In prompt type: ***git commit -m "<type your comments here>"*** to commit what you want
- In prompt type: ***git push origin <branch name>*** to push where you want

Merging your code (can be done in command line as alternative)
- On the website: if changes are made, there should be a button saying ***Compare & pull request***
- On the top you can adjust which branches to compare
  - ***<Branch you are pulling from> ← <Branch you are merging into>***
- In the boxes, can give a title for the merge and write comments
- Press ***Create pull request***
- If there are conflicts press ***Resolve conflicts***
  - Type in your fixes into the code. Any lines that have a <<<< or >>>> need fixing

- **##** is a section header
  - Press **Mark as resolved**
  - Press **Commit merge**
- Press **Merge pull request**
- Press **Confirm Merge**