(1)

Download git if you haven't already.

Initialise a git repository in a local file on your computer:

**cd directoryName**

**git init**

**git remote add origin** [**https://github.com/userName/repositoryName**](https://github.com/userName/repositoryName) (Link the local repo to the remote (github))

**git pull** (if you get an error message saying there is no tracking information for the current branch, the next step seems to work)

**git branch --set-upstream-to=origin/master master**

(2)

Whenever you're about to start work for the day, make sure to pull the latest version of the remote before you create a branch!

**git pull (**Pull the latest version of the remote**)**

Create a local branch and move into it (create a new branch every day and call your branchName something like JamesTue):

**git branch branchName**

**git checkout branchName**

Push the branch to the remote (create a branch on github):

**git push -u origin branchName**

(3)

All your changes should be done on your branch (not on the master):

**git checkout branchName**

Make all your changes, adding, committing and pushing to the remote regularly and using descriptive, present tense comments.

**git add -A** (-A adds all files in the repo)

**git commit -m "message"**

**git push**

(4)

When you're done, or want to merge your changes, first move back into the master branch:

**git checkout master**

pull the most recent commit from the remote:

**git pull**

Merge your branches locally:

**git merge branchName**

Push to the remote master:

**git push -u origin master**

(5)

Finally, when you're done for the day, delete the remote branch and your local branch:

**git push origin :branchName**

**git branch -d branchName**

You should only need to do (1) once for the project you're working on.

(2) should be done at the start of the day to create a branch for yourself to work on. In this branch, you can make changes safely away from the master. You can then commit, (3), and merge, (4), those changes with the master.

Repeat (3) regularly (e.g. every 10 minutes or so).

Less frequently do (3) and then (4) i.e. first commit your changes, (3), and then merge them with the master, (4).

Finally, (5) should be done at the end of the day (or when you’re finished working) to delete your branch (after first committing, (3), and merging, (4), your changes).