**Slides**

<http://brendanmaguire.github.io/getting_started_with_git/#slide1>

**Git merge command**

git checkout master

git pull origin master

git merge <yourBranch> (If it cause conflicts, please manually update it)

git push origin master

**Basic command**

git clone <http>

git remote add origin in <ssh>

git add .

git commit –a

git status

git log

git pull

git push

git fetch

git reset HEAD –hardRemove all files from the staging area and discard their changes completely Danger: There is no coming back from this!

**Branching**

git branch <newBranchName> <[master]> Create a new branch from the master branch

git push origin <newBranchName> After you made a branch, make sure you push the change to the master for update

git pull origin <newBranchName> Pull any update from the branch

git checkout <newBranchName> Switch to your new branch

git checkout <master> Some modification can only be done in the master branch

For an example delete and create branch from the master branch

git merge <newBranchName> Merge the branch to the master branch

git branch -d <branchName> Delete the branch point

git branch -D <branchName> this is dangerous as it will delete the branch with or without merging

git push origin –delete <branchName> need to push your change

Merge your branch when your user story is finished and delete your branch point if you wish to.