Git Exercises

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| Access the UniMelb git server | | |
| 1. Run Command Prompt | From any computer, run *Command Prompt*. |
| 1. Run SSH client | Run *any SSH client* (PuTTY/ MobaXterm/ Terminal/ Bitvise,) |
| 1. Login to UniMelb server | <LMS\_Username>@dimefox2.eng.unimelb.edu.au> |
| Access UniMelb server, use unix commands | | |
| 1. mkdir testDir |  |
| 1. cd testDir |  |
| 1. vim testOne.txt | create a file, and save it, then exit |
| 1. ls | Check: show the directory contents with the testOne.txt file |
| Access git | | |
| 1. git init | Initializes an empty local repository |
| 1. git status | Shows you the status of your local repository  shows files to be added, modified and untracked files as well |
| 1. git add testOne.txt   git status | Stage the file in the current directory  git add . – add all files |
| 1. git commit –m “note\_1”   git status | Save file in repo, and chits status  git commit -a -m “note\_whatever” - commit all changed files |
| 1. git log | Show your commit history |
| 1. vim testOne.txt   git status | Update your file, and check  nothing to commit, working directory clean – cannot commit same files twice |
| 1. git commit –m “note\_2”   git status |  |
| 1. git log | Show your commit history |
| 1. git remote add origin   a valid repo | Find the new, empty GitHub remote repos, with a valid URL  <https://bitbucket.org/SWEN90016_2019s1/swen90016_2019s1/src/master/> |
| 1. git remote -v | check that your origin is set |
| 1. git push **–**u origin master | Push our local *repo* to the remote GitHub server repository  Push your code to the master branch of the remote repository defined with origin  -u point your current local branch to the remote master branch, and the next pull command will we up to date. |
| 1. git log | This will show the current logs of all your commit |