

## Basic Add Code

- `cd cit360project`
- `Git add <filename>`
- `Git commit -m "message"`
- `Git push`

<b>Git status</b>	-----gets the current status of the repository
<b>Git add &lt;filename&gt;</b>	-----Tells git to track the changes to <b>&lt;filename&gt;</b>
<b>Git commit -m "Message"</b>	-----get commit stores the changes. The -m "message" allows us to put in a message that tells us about the file.
<b>Git add '*.txt'</b>	-----git add, adds the files to our repository the *.txt will add all files because of the * wildcard
<b>Git log</b>	-----shows everything that has been committed so far
<b>Git remote add &lt;name&gt; &lt;location&gt;</b>	-----this allows us to push our local GitHub to a remote repository. <b>&lt;name&gt;</b> is the name of the remote repository and <b>&lt;location&gt;</b> is the URL of the repository.
<b>Git push</b>	-----this will push a repository
<b>Git push -u &lt;name&gt; master</b>	-----this uses the basic git push, the -u tells Git to remember the parameters so the next time you run git push it knows what to do. <b>&lt;name&gt;</b> is the name of the remote repository
<b>Git pull &lt;name&gt; master</b>	-----this pulls any changes from the remote repository into your master repository
<b>Git diff &lt;command&gt;</b>	-----this will show the differences between any file; using <b>&lt;command&gt;</b> HEAD allows us to compare to only the most recent commit while -staged allows you to see the staged changes
<b>Git reset &lt;location&gt;</b>	-----unstages files
<b>Git checkout -- &lt;target&gt;</b>	-----gets rid of the changes since the last commit of the <b>&lt;target&gt;</b> file
<b>Git branch &lt;name&gt;</b>	-----creates a new branch, which allows you to do separate commits; these can then be merged back with the master branch
<b>Git branch</b>	-----shows you the local branches
<b>Git checkout &lt;branch&gt;</b>	-----allows you to change <b>&lt;branch&gt;</b> es
<b>Git rm '*.txt'</b>	-----will remove the actual files from the disk and stage their removal; '*.txt' will remove all .txt files
<b>Git merge &lt;location&gt;</b>	-----this will merge the called <b>&lt;location&gt;</b> with our current location
<b>Git branch -d &lt;name&gt;</b>	-----this will delete the <b>&lt;name&gt;</b> branch