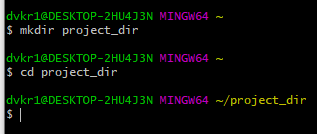
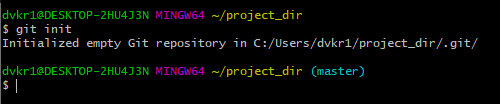
Install GIT & make sure it is added into PATH.

Section 0- Use GIT as local VCS. Steps to follow:

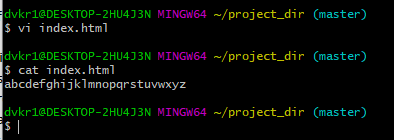
1. Create a directory ‘project\_dir’ & cd to ‘project\_dir’



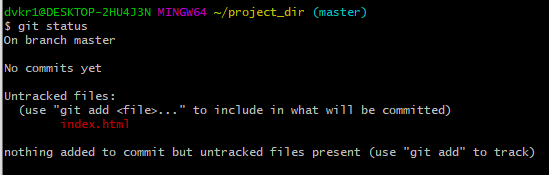
1. Initialize git version database



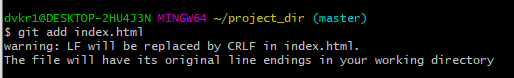
1. Create a new file index.html



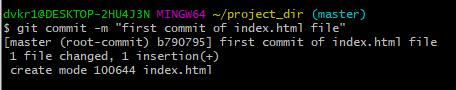
1. Check the git status. You should find index.html as untracked file



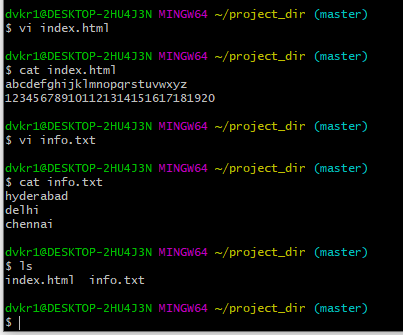
1. Stage the index.html file



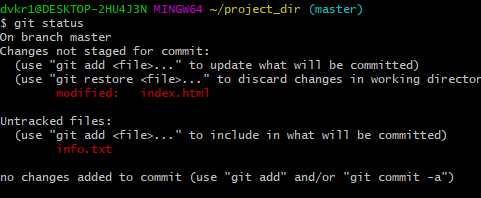
1. Commit index.html



1. Make few changes in index.html and create a new file info.txt file



1. Check git status. You should find index.html and info.txt as untracked files

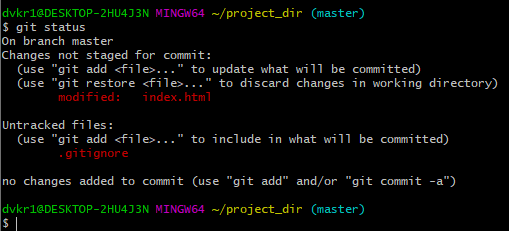


1. Configure GIT to ignore all txt files

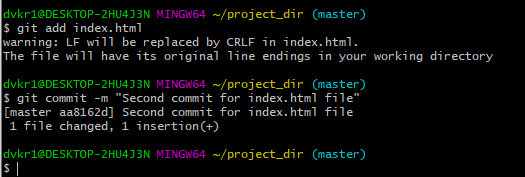




1. Again check the git status. You should find only index.html as untracked files



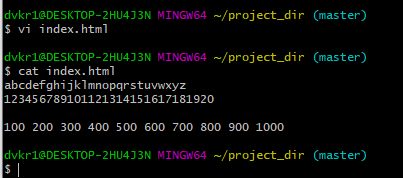
1. Stage and Commit index.html



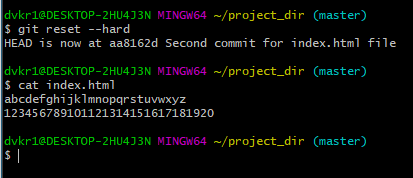
1. Log all your comments so far



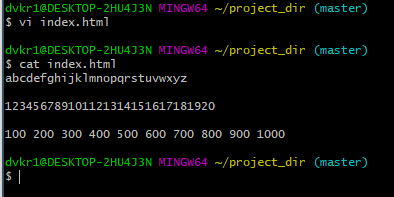
1. Make some changes in index.html



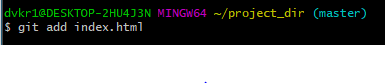
1. Revert the change made in the previous step using git command



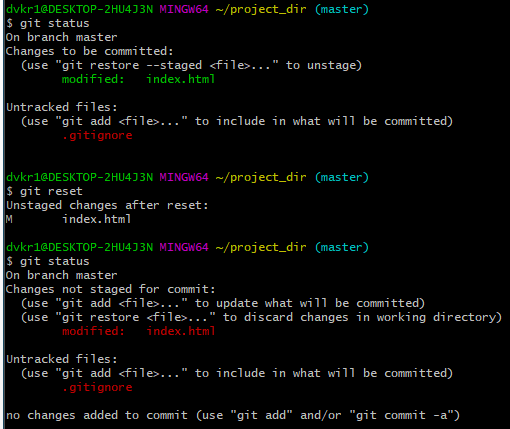
1. Again Change index.html



1. Stage index.html



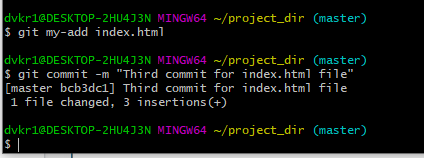
1. Revert back the last stage



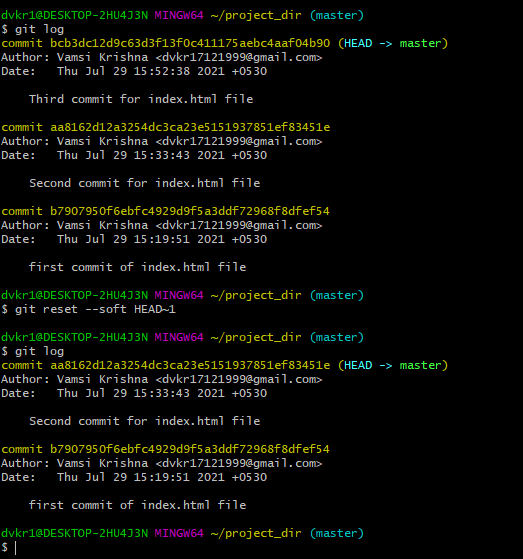
1. Rename ‘add’ command to ‘my-add’



1. Using my-add command Stage index.html again and commit the changes



1. Revert the last commit

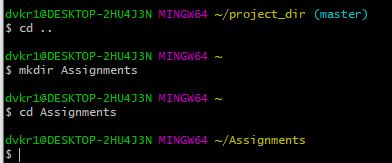


*GIT Branching*

**Objective: Commit HTML, CSS & JavaScript assignments into GIT.**

**SECTION-1(HTML assignments)- Steps to follow:**

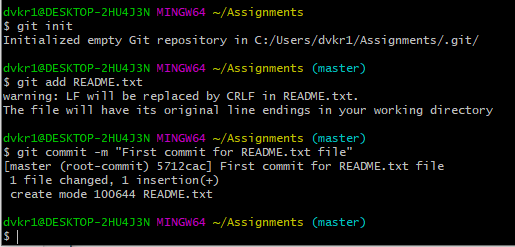
1. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files
2. Create an empty directory ‘Assignments’ & cd to ‘Assignments’



1. Create a file README.txt inside ‘Assignments’ and write few lines about the contents of ‘Assignments’ folder



1. Commit README.txt file



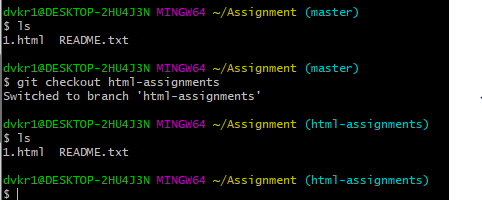
1. Now Create a new branch ‘html-assignments’



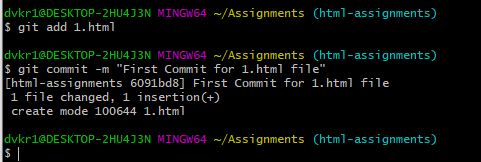
1. Switch to ‘html-assignments’ branch



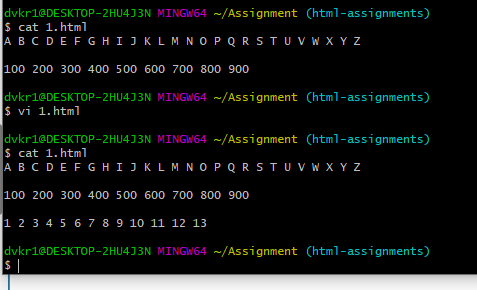
1. Copy all HTML assignments inside ‘Assignments’ folder



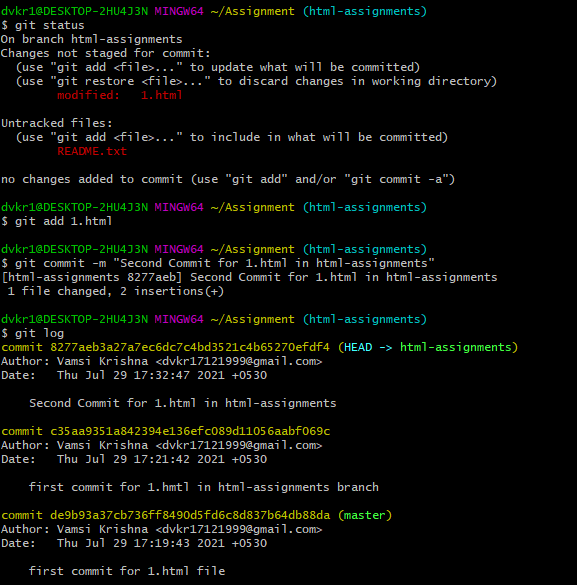
1. Commit HTML assignments into ‘html-assignments’ branch



1. Make minor changes into few files belonging to ‘html-assignments’ branch



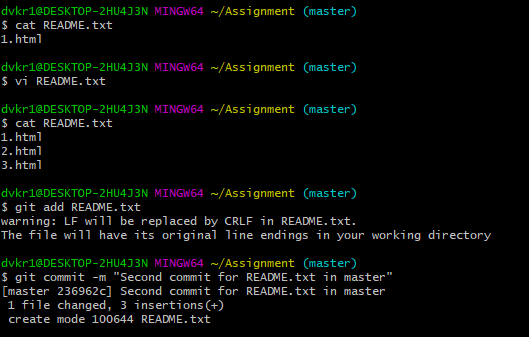
1. Commit those changed files



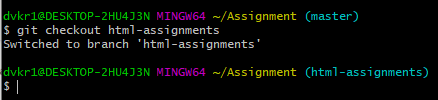
1. Switch to master branch



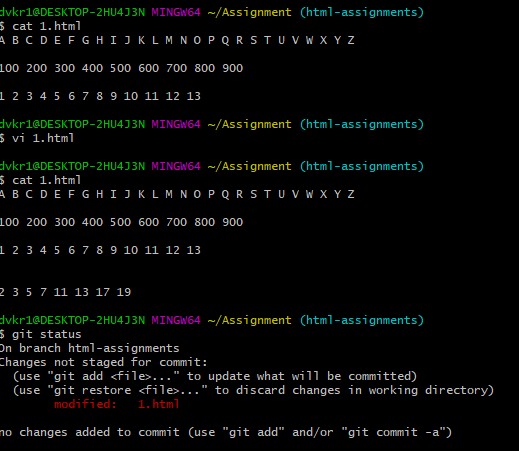
1. Make minor changes into README.txt file & commit those changes into master



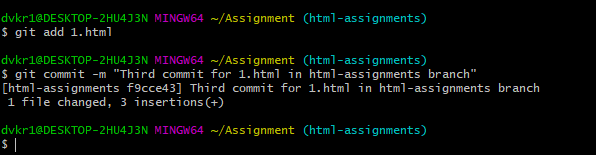
1. Again switch to ‘html-assignments’ branch



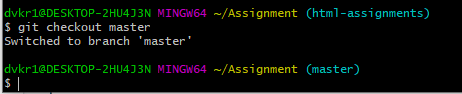
1. Make minor changes into few files belonging to ‘html-assignments’ branch



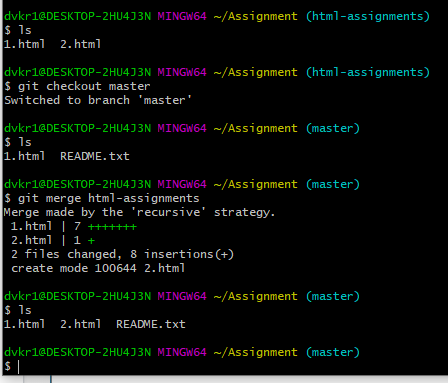
1. Commit those changes



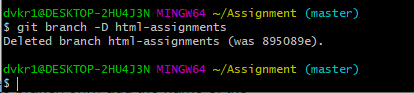
1. Switch to master



1. Merge ‘html-assignments’ branch into master. Confirm all html assignments are shown in master



1. Finally delete the ‘html-assignments’ branch

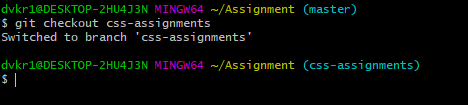


**SECTION-2-(CSS assignments) Steps to follow:**

1. Create a new branch ‘css-assignments’



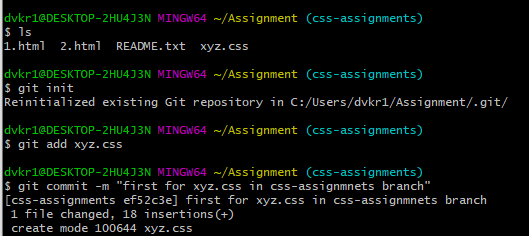
1. Switch to ‘css-assignmnets’ branch



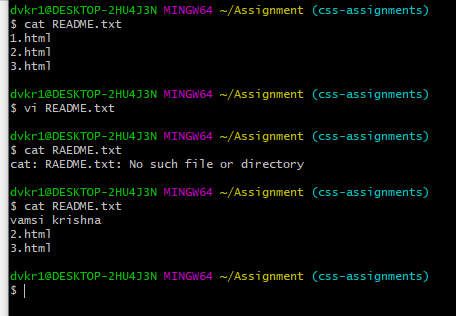
1. Copy all CSS assignments inside Assignments folder



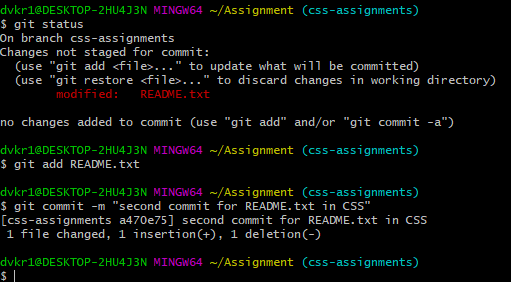
1. Commit CSS assignments into ‘css-assignments’ branch



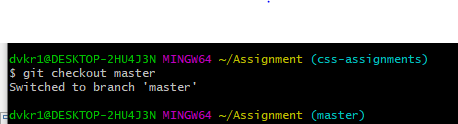
1. Make minor changes into README.txt file on line 1 belonging to ‘css-assignments’ branch



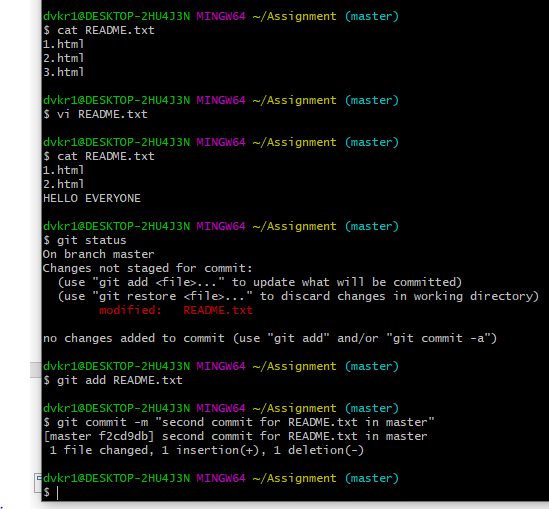
1. Commit those Changed files



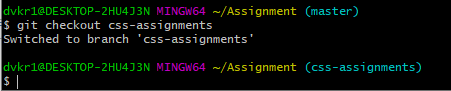
1. Switch to master branch



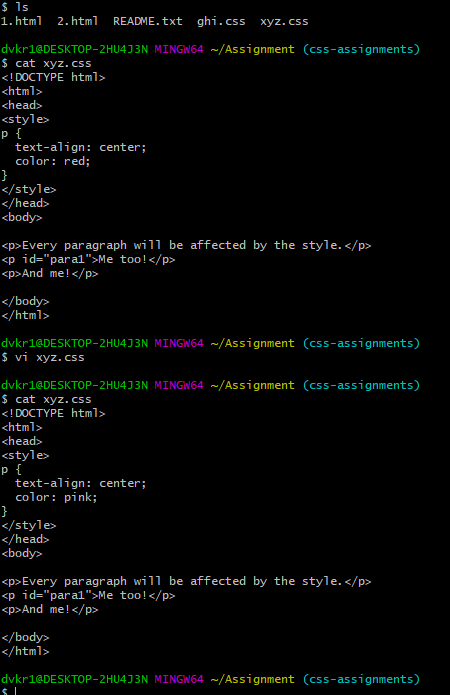
1. Make minor changes into README.txt file on line 3 and commit those changes into master



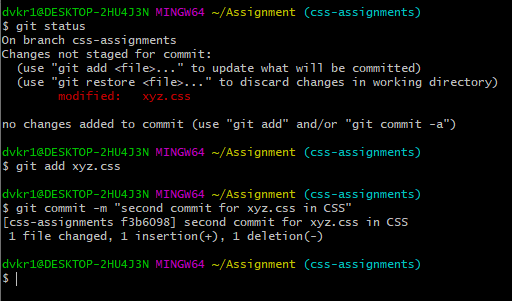
1. Again switch to css-assignments branch



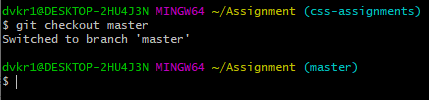
1. Make minor changes into few files belonging to css-assignments branch



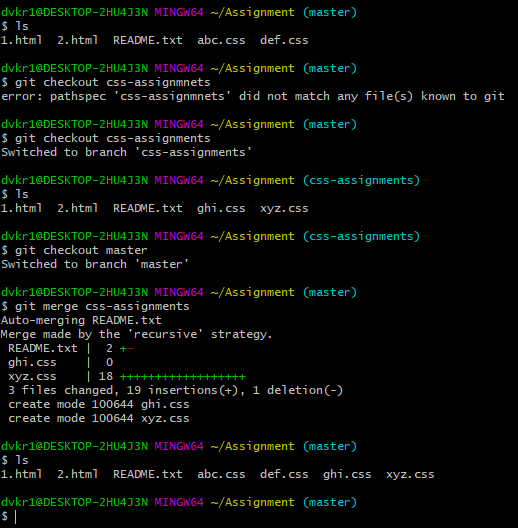
1. Commit those changes



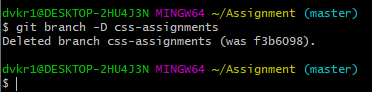
1. Switch to master



1. Merge css-assignments branch into master. Confirm all css assignmnets are shown in master

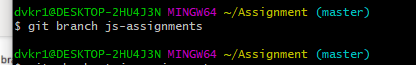


1. Finally delete the css-assignments branch

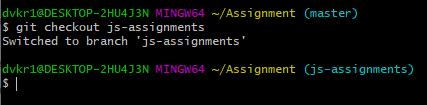


**SECTION-3-(JavaScript assignments) Steps to follow:**

1. Create a new branch ‘js-assignments’



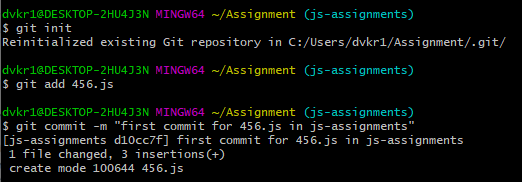
1. Switch to js-assignments branch



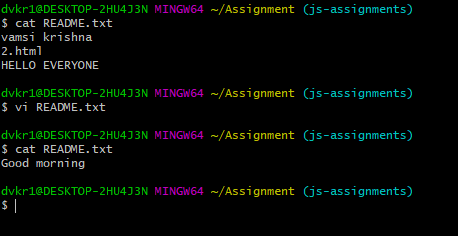
1. Copy all JavaScript assignments inside ‘Assignments’ folder



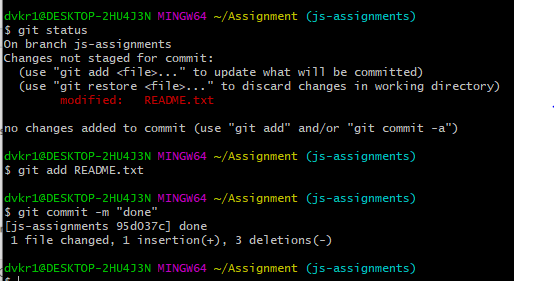
1. Commit Javascript assignments into js-assignments branch



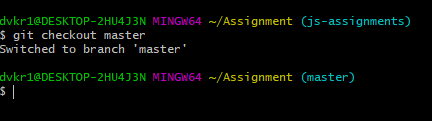
1. Make minor changes into README.txt file on line 1 belonging to js-assignments branch



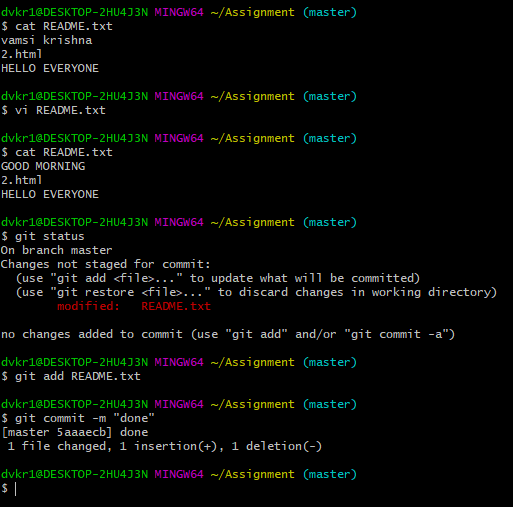
1. Commit those Changed files



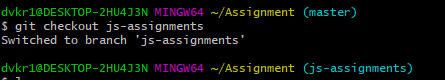
1. Switch to master branch



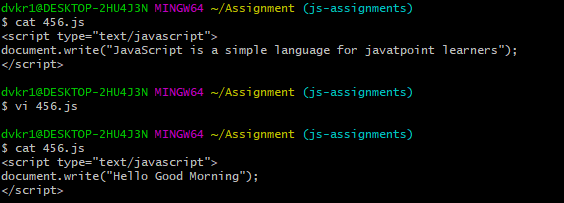
1. Make minor changes into README.txt file on line 1 & commit those changes into master



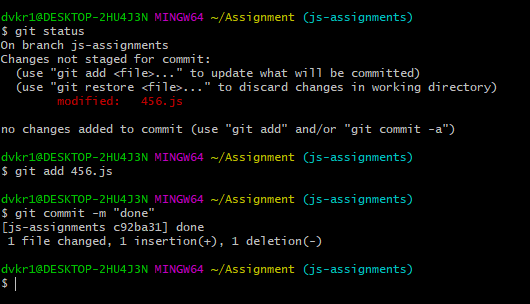
1. Again switch to js-assignments branch



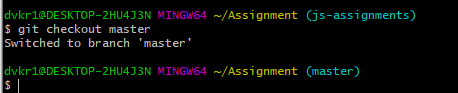
1. Make minor changes into few files belonging to js-assignments branch



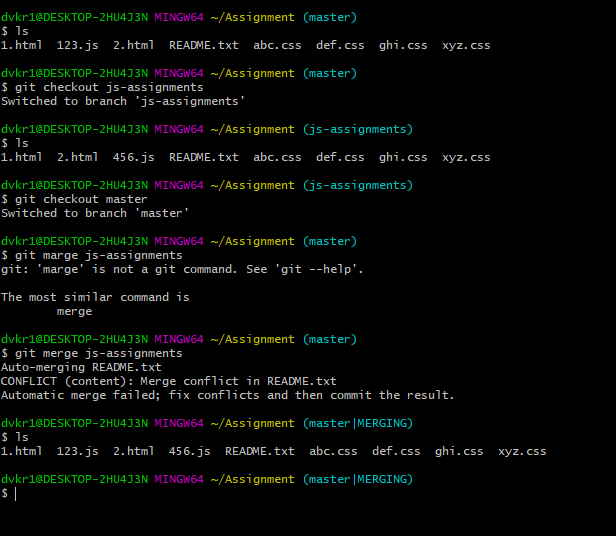
1. Commit those changes



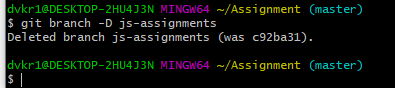
1. Switch to master



1. Merge js-assignments branch into master. Confirm all Javascript assignments are shown in master



1. Finally delete the js-assignment branch

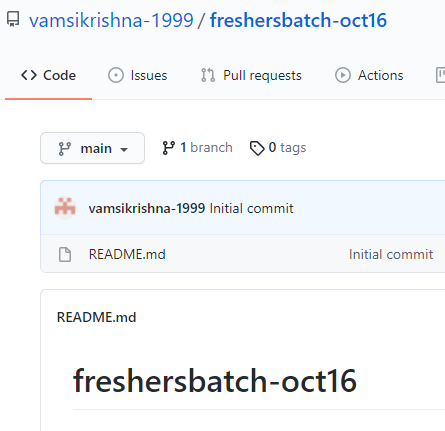


***GIT Remoting***

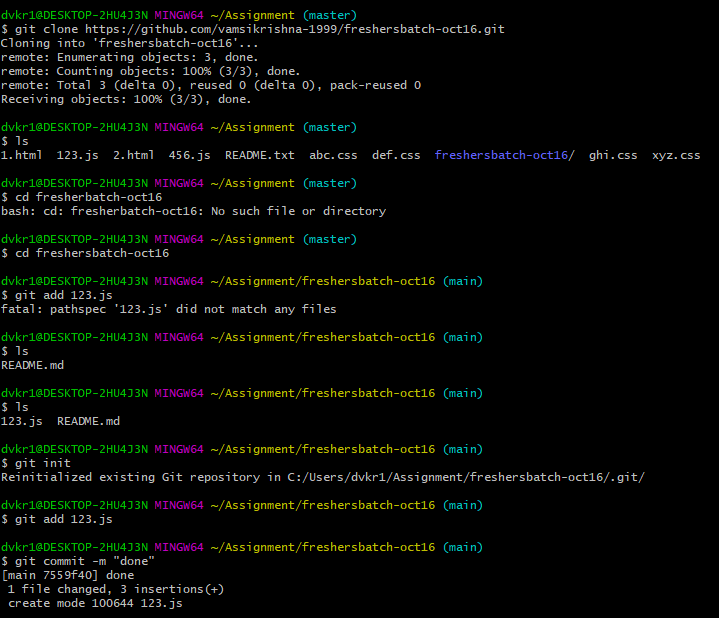
**Objective: Pushing source code into GITHUB & collaborate team members**

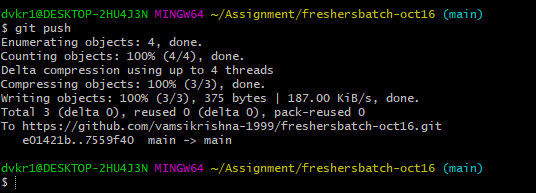
**SECTION-3 (PUSHING assignments to remote repository)-Steps to follow:**

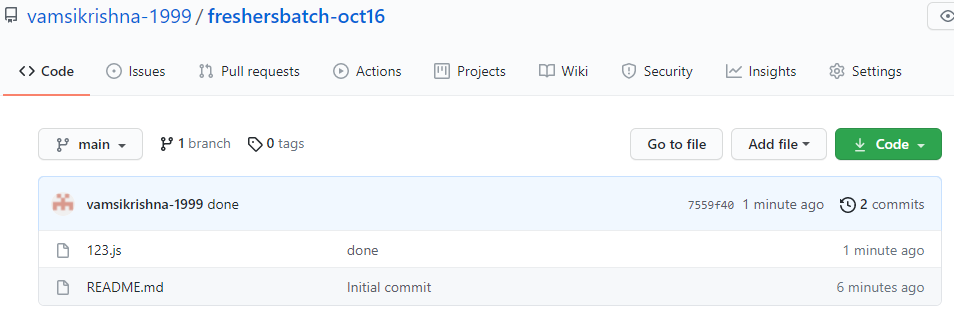
1. Create a github account if you do not have already
2. Login on into github account
3. Create new public repository ‘freshersbatch-oct16’



1. Commit and push any sample file into this repository under ‘Assignments’ directory







**SECTION-4 (Pushing source code to remote repository using Eclipse GIT plugin)**

