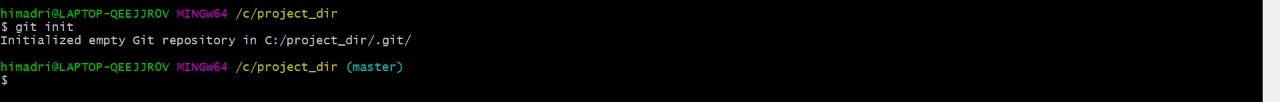
Section 0 -Use GIT as local VCS. Steps to follow:

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



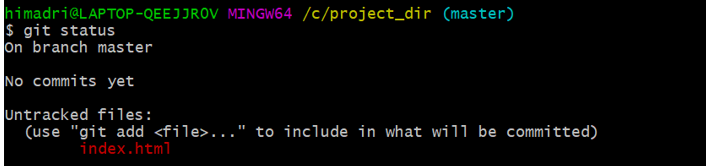
1. Initialize git version database. (git init)



1. Create a new file index.html.



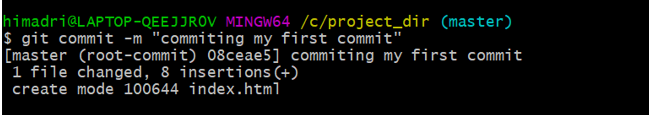
1. Check the git status. You should find index.html as untracked file.



1. Stage the index.html file.



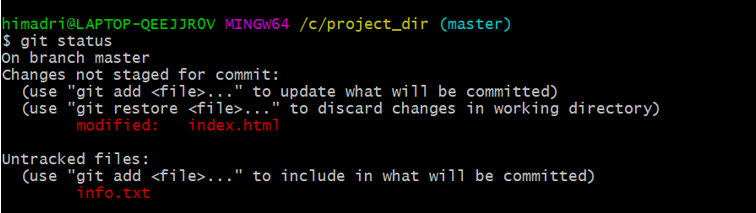
1. Commit index.html



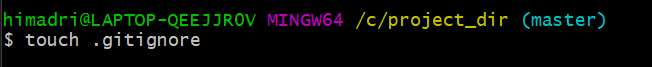
1. Make few changes in index.html & create a new file info.txt file.



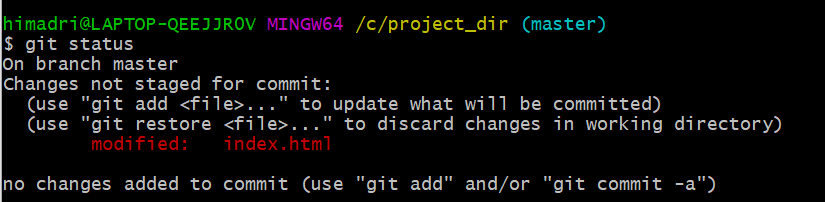
1. Check git status. You should find index.html & info.txt as untracked files.



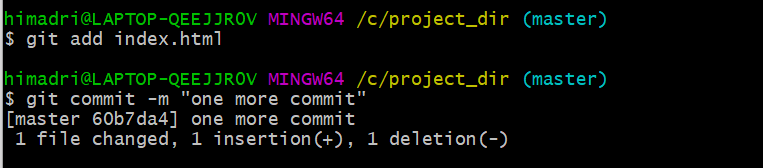
1. Configure GIT to ignore all txt files.



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



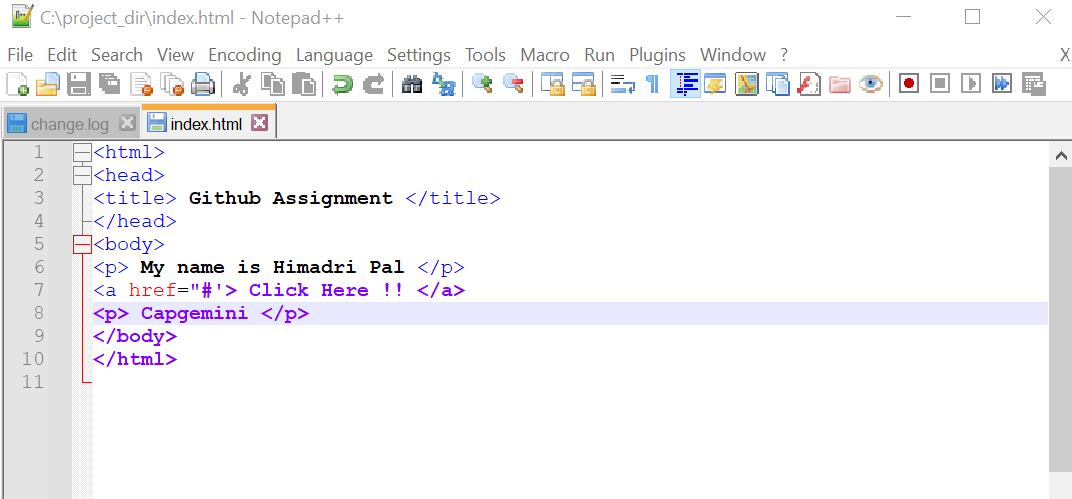
1. State & commit index.html



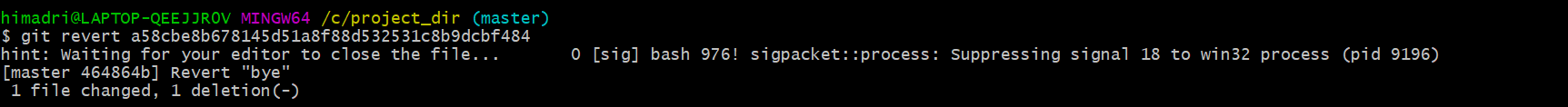
1. Log all your comments so far.



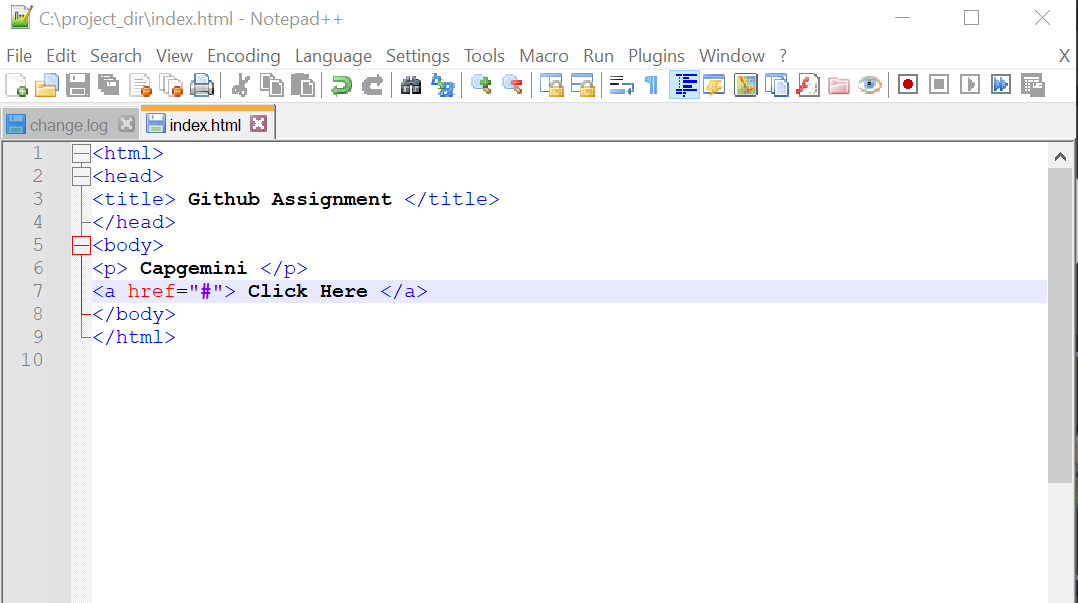
1. Make some changes in index.html.



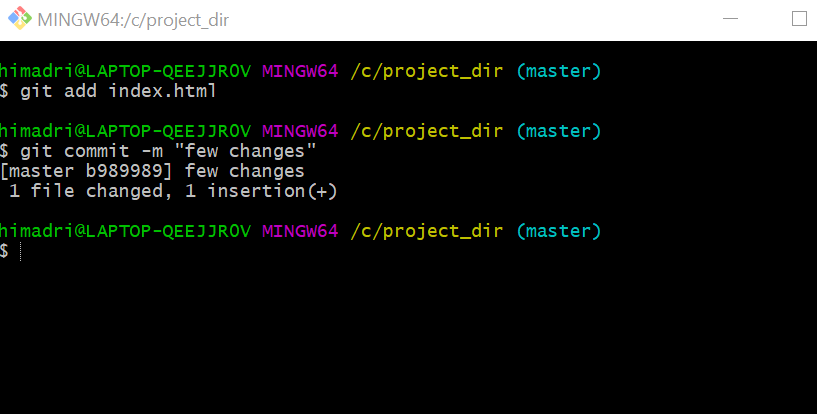
1. Revert the change made in the previous step using git command.



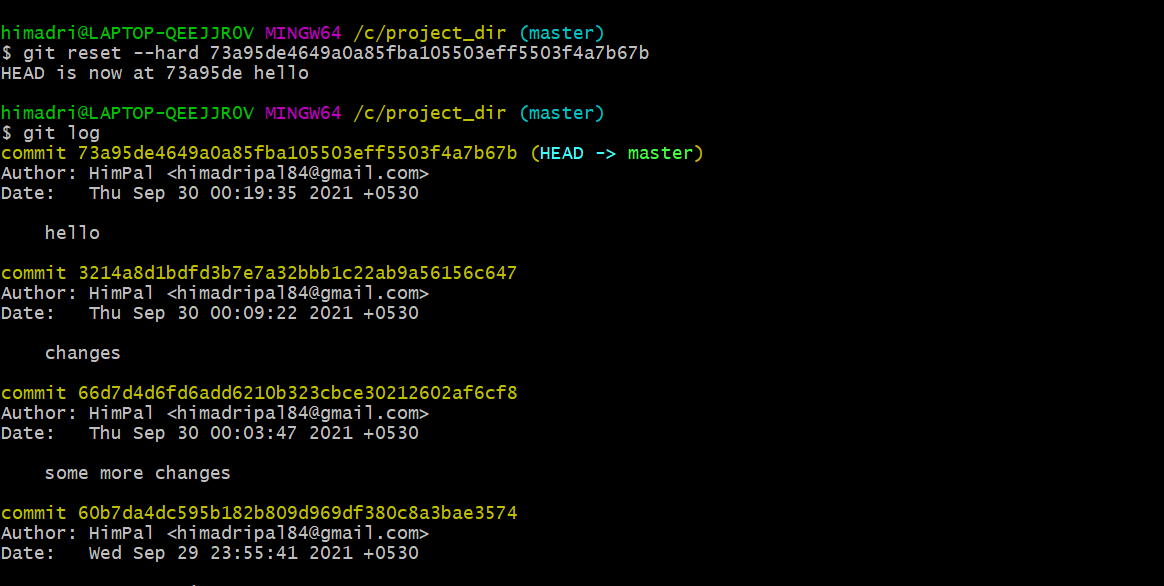
1. Again change index.html.



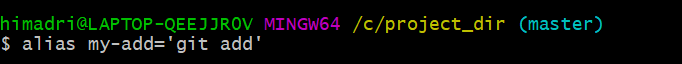
1. Stage index.html



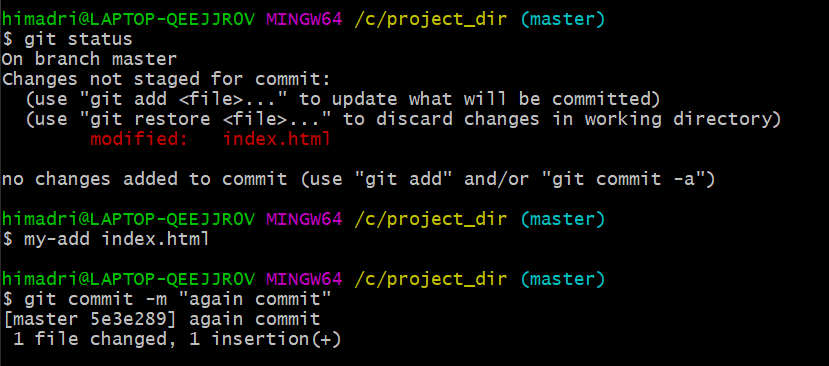
1. Revert back the last stage.



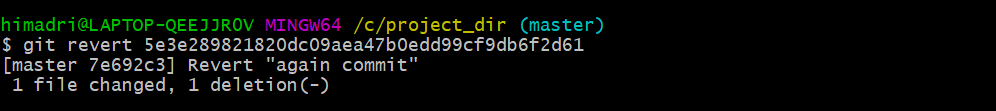
1. Rename ‘add’ command to ‘my-add’.



1. Using my\_add command Stage index.html again & 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’.

$ cd Assignment

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

$ git commit -m “section 1”

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

$ Git branch html-assignment.html

1. Switch to ‘html-assignments’ branch.

$ git checkout html-assignment.html

1. Copy all HTML assignments inside ‘Assignments’ folder.
2. Commit HTML assignments into ‘html-assignments’ branch.

$ git commit -m “html1&html2”

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

$ git commit -m “html1&html2 after changes”

1. Switch to master branch.

$ git checkout master

1. Make minor changes into README.txt file & commit those changes into master.
2. Again switch to ‘html-assignments’ branch.

$ git branch html-assignment.html

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

$ git commit -m “html changes”

1. Switch to master.

$ git checkout master

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

$ git merge new-branch

1. Finally delete the ‘html-assignments’ branch.

$ git branch -d html-assignment

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

1. Create a new branch ‘css-assignments’.

$ git branch css-assignment.css

1. Switch to ‘css-assignments’ branch.

$ git checkout css-assignment.css

1. Copy all CSS assignments inside ‘Assignments’ folder.
2. Commit CSS assignments into ‘css-assignments’ branch.

$ git commit -m “css1&css2”

1. Make minor changes into README.txt file on line 1 belonging to ‘css-assignments’ branch.
2. Commit those changed files.

$ git commit -m “css changes”

1. Switch to master branch.

$ git checkout master

1. Make minor changes into README.txt file on line 3 & commit those changes into master.
2. Again switch to ‘css-assignments’ branch.

$ git checkout css-assignment.css

1. Make minor changes into few files belonging to ‘css-assignments’ branch.
2. Commit those changes.

$ git commit -m “css more changes”

1. Switch to master.

$ git checkout master

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

$ git merge new-branch

1. Finally delete the ‘css-assignments’ branch.

$ git branch -d css-assignment

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

1. Create a new branch ‘js-assignments’.
2. Switch to ‘js-assignments’ branch.

$ git checkout js-assignment.js

1. Copy all JavaScript assignments inside ‘Assignments’ folder.
2. Commit JavaScript assignments into ‘js-assignments’ branch.

$ git commit -m “js1&js2”

1. Make minor changes into README.txt file on line 1 belonging to ‘js-assignments’ branch.
2. Commit those changed files.

$ git commit -m “js changes”

1. Switch to master branch.

$ git checkout master

1. Make minor changes into README.txt file on line 1 & commit those changes into master.
2. Again switch to ‘js-assignments’ branch.

$ git checkout js-assignment.js

1. Make minor changes into few files belonging to ‘js-assignments’ branch.
2. Commit those changes.

$ git commit -m “js more changes”

1. Switch to master.

$ git checkout master

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

$ git merge new-branch

1. Finally delete the ‘js-assignments’ branch.

$ git branch -d css-assignment