

GIT Branching – Section 1,2,3

MINGW64/c:/Users/Hingula bhat/assignments

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~
$ mkdir Assignments
cd as
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~
$ cd assignments

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments
$ git init
Initialized empty Git repository in C:/Users/Hingula bhat/Assignments/.git/

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ touch README.txt

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git add README.txt

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git commit -m "first commit"
[master (root-commit) 3a6360d] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.txt

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git branch html-Assignments

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout html-Assignments
Switched to branch 'html-Assignments'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ touch Section-1.html

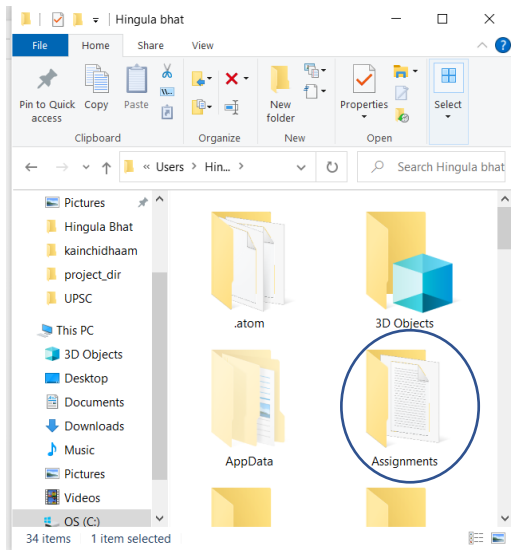
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git add Section-1.html

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git commit -m "html file"
[html-Assignments 29e782b] html file
1 file changed, 74 insertions(+)
create mode 100644 Section-1.html

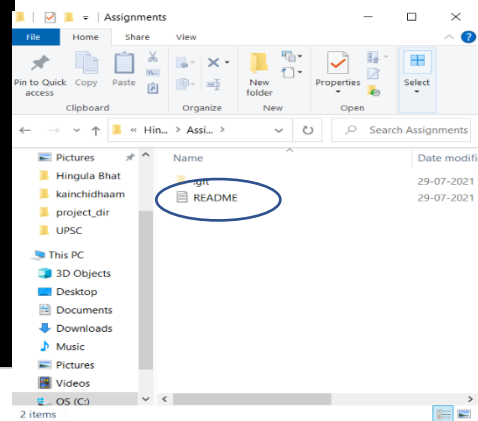
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git add Section-1.html

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git commit -m "first minor change"
[html-Assignments 70ccd7f] first minor change
1 file changed, 1 insertion(+), 1 deletion(-)

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git checkout master
```



Created directory Assignments



Created README.txt

Section-1.html — C:/Users/Hingula bhat/Assignments — Atom



Html project

Minor changes made to html file

MINGW64/c/Users/Hingula bhat/assignments

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git checkout master
Switched to branch 'master'
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git add README.txt
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git commit -m "minor change to README"
[master 03ce92b] minor change to README
1 file changed, 3 insertions(+)
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout html-Assignments
Switched to branch 'html-Assignments'
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git add Section-1.html
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git commit -m "final changes"
[html-Assignments 49a5b93] final changes
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (html-Assignments)
$ git checkout master
Switched to branch 'master'
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git merge html-Assignments
Merge made by the 'recursive' strategy.
Section-1.html | 74 ++++++
1 file changed, 74 insertions(+)
create mode 100644 Section-1.html
```

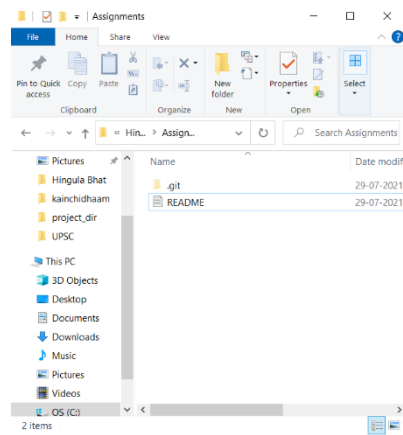
```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git branch -d html-Assignments
Deleted branch html-Assignments (was 49a5b93).
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git branch css-assignments
```

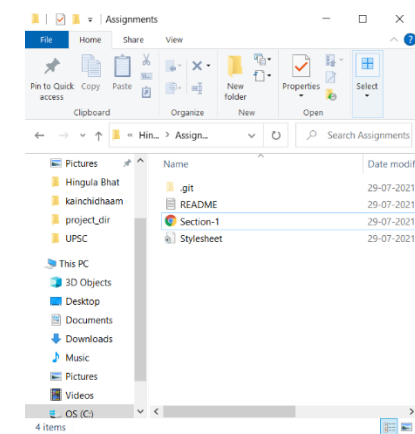
```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
```



Html assignment disappears when switched to master branch



Css project

MINGW64/c/Users/Hingula bhat/assignments

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ touch Stylesheet.css
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git add Stylesheet.css
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git commit -m "stylesheet"
[css-assignments c2571b8] stylesheet
1 file changed, 32 insertions(+)
create mode 100644 Stylesheet.css
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git add README.txt
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git commit -m "change in line 1"
[css-assignments 902d447] change in line 1
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git add README.txt
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git commit -m "change in line 3"
[master d4f3a80] change in line 3
1 file changed, 1 insertion(+), 1 deletion(-)
```

Stylesheet.css — C:\Users\Hingula bhat\Assignments — Atom

File Edit View Selection Find Packages Help

```
Welcome Guide | README.txt

1  h1 {
2    text-align: center;
3    font-size: 1em;
4    color: #009;
5    margin-bottom: .3em;
6    text-decoration: underline;
7  }
8
9  table {
10   margin: .3em;
11   width: 290px;
12 }
13
14 th {
15   padding: .2em;
16 }
17
18 td {
19   padding-left: .5em;
20   padding-right: .5em;
21   border: 1px solid #900;
22   background-color: #ffc;
23 }
24
25 #trHeader {
26   text-decoration: underline;
27   color: #900;
28 }
29
30 .centerCell {
31   text-align: center;
32 }
33
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git add Stylesheet.css

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git commit -m "final changes for css"
[css-assignments 28dd448] final changes for css
1 file changed, 1 insertion(+), 1 deletion(-)

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git merge css-assignments
CONFLICT (add/add): Merge conflict in Stylesheet.css
Auto-merging Stylesheet.css
Auto-merging README.txt
CONFLICT (add/add): Merge conflict in README.txt
```

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git merge css-assignments
Already up to date.

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout master
Already on 'master'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git branch -d css-assignments
error: branch 'css-assignments' not found.

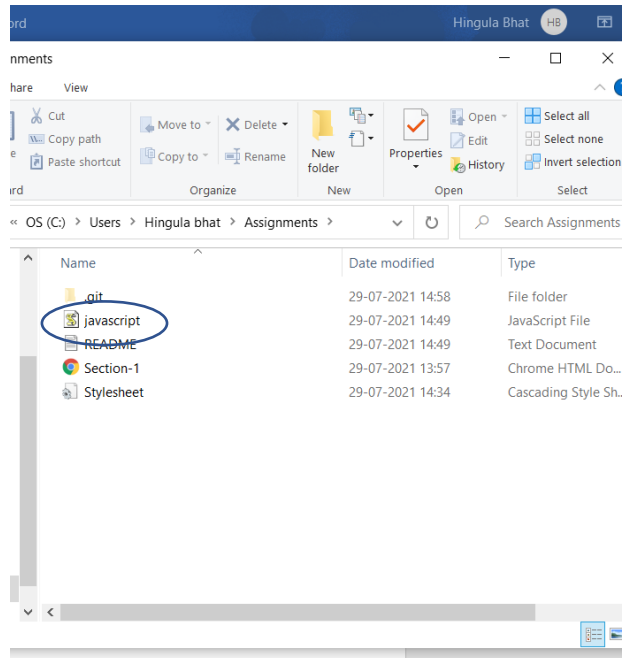
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git branch js-assignments

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ touch javascript.js

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'
```



MINGW64/c/Users/Hingula bhat/assignments

```
Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git add javascript.js

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git commit -m "javascript assignment"
[js-assignments 4862ee4] javascript assignment
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 javascript.js

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git add README.txt

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git commit -m "README line 1"
[js-assignments 8ca1fd] README line 1
1 file changed, 1 insertion(+), 1 deletion(-)

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git add README.txt

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git commit -m "master change line 1"
[master 7e19006] master change line 1
1 file changed, 1 insertion(+), 1 deletion(-)

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git add javascript.js

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git commit -m "javascript changed"
[js-assignments a02ea73] javascript changed
1 file changed, 3 insertions(+)

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git merge js-assignments
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.
```

MINGW64/c/Users/Hingula bhat/assignments

```
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   javascript.js

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   README.txt

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master|MERGING)
$ git add .

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master|MERGING)
$ git commit -m "resolved conflict"
[master 1d30c75] resolved conflict

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git merge js-assignments
Already up to date.

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git branch -d "js-assignments"
Deleted branch js-assignments (was a02ea73).

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git remote add origin https://github.com/HINGULA-BHAT/CG_FRESHERS-TRAINING-ASSIGNMENTS-.git

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$ git push origin master
Enumerating objects: 49, done.
Counting objects: 100% (49/49), done.
Delta compression using up to 4 threads
Compressing objects: 100% (45/45), done.
Writing objects: 100% (49/49), 5.31 KiB | 453.00 KiB/s, done.
Total 49 (delta 14), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (14/14), done.
To https://github.com/HINGULA-BHAT/CG_FRESHERS-TRAINING-ASSIGNMENTS-.git
 * [new branch]      master -> master

Hingula bhat@DESKTOP-QR09FDK MINGW64 ~/assignments (master)
$
```

