

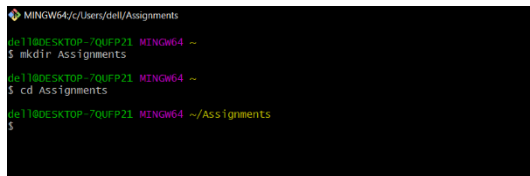
Objective: Commit HTML, CSS & JavaScript assignments into GIT.

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

21. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files.

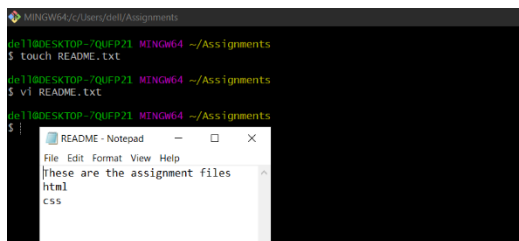
Done.

22. Create an empty directory 'Assignments' & cd to 'Assignments'.



```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~
$ mkdir Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~
$ cd Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments
$
```

23. Create a file README.txt inside 'Assignments' & write few lines about the contents of 'Assignments' folder.



```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments
$ touch README.txt
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments
$ vi README.txt
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments
$
```

README - Notepad

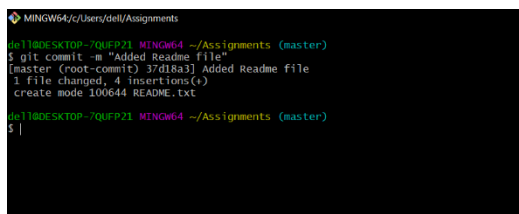
File Edit Format View Help

These are the assignment files

html

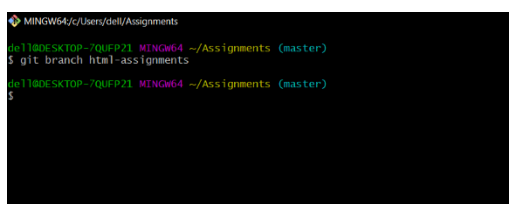
css

24. Commit README.txt file.



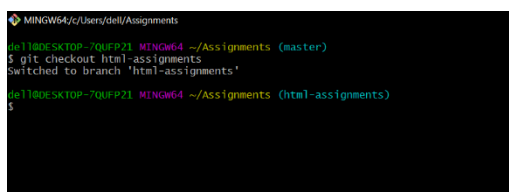
```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ git commit -m "Added Readme file"
[master (root-commit) 37d18a3] Added Readme file
1 file changed, 4 insertions(+)
create mode 100644 README.txt
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ |
```

25. Now create a new branch 'html-assignments'.



```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ git branch html-assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$
```

26. Switch to 'html-assignments' branch.



```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (html-assignments)
$
```

27. Copy all HTML assignments inside 'Assignments' folder.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ cd ..

de11@DESKTOP-7QUFP21 MINGW64 ~
$ cp *.html Assignments

de11@DESKTOP-7QUFP21 MINGW64 ~
$ cd Assignments

de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ ls
README.txt one.html two.html

de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$
```

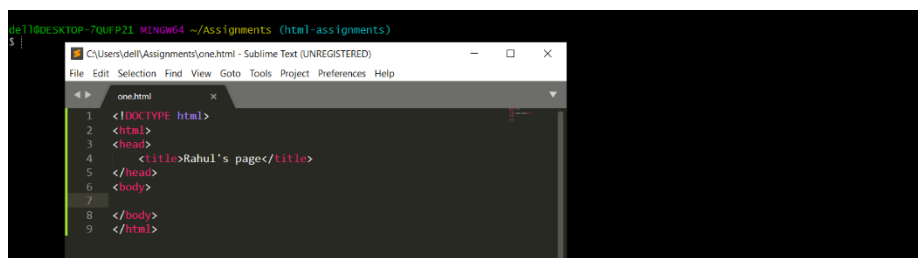
28. Commit HTML assignments into 'html-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git add .

de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git commit -m "html project files are added"
[html-assignments 5cc9092] html project files are added
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 one.html
create mode 100644 two.html

de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$
```

29. Make minor changes into few files belonging to 'html-assignments' branch.



```
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$
```

```
one.html
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Rahul's page</title>
5 </head>
6 <body>
7
8 </body>
9 </html>
```

30. Commit those changed files.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git add .

de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git commit -m "Project code updated"
[html-assignments 719ca20] Project code updated
1 file changed, 9 insertions(+)
```

31. Switch to master branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

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

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ vi README.txt

de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git add .
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory

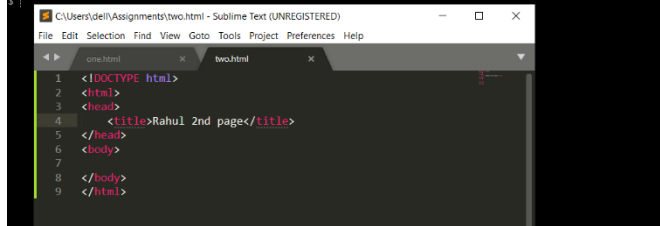
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git commit -m "updated readme as well"
[master 397a9d0] updated readme as well
1 file changed, 3 insertions(+)
```

33. Again switch to 'html-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$
```

34. Make minor changes into few files belonging to 'html-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$
```



35. Commit those changes.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git add .
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git commit -m "More updation done inside the files"
[html-assignments dae4c6b] More updation done inside the files
1 file changed, 9 insertions(+)
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ |
```

36. Switch to master.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

37. Merge 'html-assignments' branch into master. Confirm all html assignments are shown in master.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git merge html-assignments
Merge made by the 'recursive' strategy.
one.html | 9 ++++++++
two.html | 9 ++++++++
2 files changed, 18 insertions(+)
create mode 100644 one.html
create mode 100644 two.html
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git log
commit 3ad2143f6e791ba8f6499a252656fdd8dc66aa17 (HEAD -> master)
Merge: 397a9d0 dae4c6b
Author: rahulreddy <rahul.pada1a99@gmail.com>
Date: Sun Jan 10 17:04:13 2021 +0530
Merge branch 'html-assignments'
Merged as we need the project files inside master branch

MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ ls
README.txt one.html two.html
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

38. Finally delete the 'html-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was dae4c6b).
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

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

1. Create a new branch 'css-assignments'.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git branch css-assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

2. Switch to 'css-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ |
```

3. Copy all CSS assignments inside 'Assignments' folder.

```
MINGW64/c/Users/dell
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ cd ..
de11@DESKTOP-7QUFP21 MINGW64 ~
$ cp *.css Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~
$ |
```

4. Commit CSS assignments into 'css-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ git add .
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ git commit -m "css files are added"
[css-assignments 74c1073] Css files are added
2 files changed, 2 insertions(+)
create mode 100644 one.css
create mode 100644 two.css
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$
```

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

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ vi README.txt
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$
```

6. Commit those changed files.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ git add .
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ git commit -m "Readme is updated as css files are updated"
[css-assignments d6878b7] Readme is updated as css Files are updated
1 file changed, 1 insertion(+)
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ |
```

7. Switch to master branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

8. Make minor changes into README.txt file on line 3 & commit those changes into master.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ vi README.txt
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git add .
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git commit -m "README 3rd line is updated"
[master 53a850e] README 3rd line is updated
1 file changed, 1 insertion(+), 1 deletion(-)
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ |
```

9. Again switch to 'css-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$
```

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

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$ vi one.css
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$ vi two.css
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$ |
```

11. Commit those changes.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$ git add .
warning: LF will be replaced by CRLF in one.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in two.css.
The file will have its original line endings in your working directory
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$ git commit -m "CSS files are now updated"
[css-assignments b143d30] CSS files are now updated
2 files changed, 7 insertions(+), 2 deletions(-)
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$
```

12. Switch to master.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ |
```

13. Merge 'css-assignments' branch into master. Confirm all css assignments are shown in master.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ git merge css-assignments
Auto-merging README.txt
Merge made by the 'recursive' strategy.
 README.txt | 1 +
  one.css   | 3 +++
  two.css   | 4 +++
3 files changed, 8 insertions(+)
create mode 100644 one.css
create mode 100644 two.css
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ ls
README.txt  one.css  one.html  two.css  two.html
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ |
```

14. Finally delete the 'css-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$ git branch -d css-assignments
Deleted branch css-assignments (was b143d30).
de11@DESKTOP-7QJFP21 MINGW64 ~/Assignments (master)
$
```

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

1. Create a new branch 'js-assignments'.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git branch js-assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

2. Switch to 'js-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$
```

3. Copy all JavaScript assignments inside 'Assignments' folder.

```
MINGW64/c/Users/dell
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$ cd ..
de11@DESKTOP-7QUFP21 MINGW64 ~
$ cp *.js Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~
$
```

4. Commit JavaScript assignments into 'js-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$ git add .
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$ git commit -m "js files are added"
[js-assignments dea4005] js files are added
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 one.js
create mode 100644 two.js
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$
```

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

```
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$ vi README.txt
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$
```

6. Commit those changed files.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$ git add .
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$ git commit -m "Readme is updated after js files"
[js-assignments 2a269db] Readme is updated after js files
1 file changed, 1 insertion(+), 1 deletion(-)
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$
```

7. Switch to master branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'
de11@DESKTOP-7QUFP21 MINGW64 ~/Assignments (master)
$
```

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

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$ vi README.txt
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$ git add .
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$ git commit -m "update of readme file about js"
[master 9f80aab] update of readme file about js
1 file changed, 1 insertion(+), 1 deletion(-)
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$ |
```

9. Again switch to 'js-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$
```

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

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$ vi one.js
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$
```

11. Commit those changes.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$ git add .
warning: LF will be replaced by CRLF in one.js.
The file will have its original line endings in your working directory
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$ git commit -m "js files re updated"
[js-assignments f9a2669] js files re updated
1 file changed, 3 insertions(+)
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$
```

12. Switch to master.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$
```

13. Merge 'js-assignments' branch into master. Confirm all JavaScript assignments are shown in master.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'
de11@DESKTOP-7QUPP21 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.
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ |
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ ls
README.txt one.css one.html one.js two.css two.html two.js
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ |
```

14. Finally delete the 'js-assignments' branch.

```
MINGW64/c/Users/dell/Assignments
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ git branch -d js-assignments
error: The branch 'js-assignments' is not fully merged.
If you are sure you want to delete it, run 'git branch -D js-assignments'.
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ git branch -D js-assignments
Deleted branch js-assignments (was f9a2669).
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ |
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ vi README.txt
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ git add .
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master|MERGING)
$ git commit -m "conflict removed"
[master 8a6325b] conflict removed
de11@DESKTOP-7QUPP21 MINGW64 ~/Assignments (master)
$
```

Due to the conflict in Readme, we need to use -D as they are not fully merged...

