

GIT Branching

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




```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub
$ mkdir Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub
$ cd Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
$
```

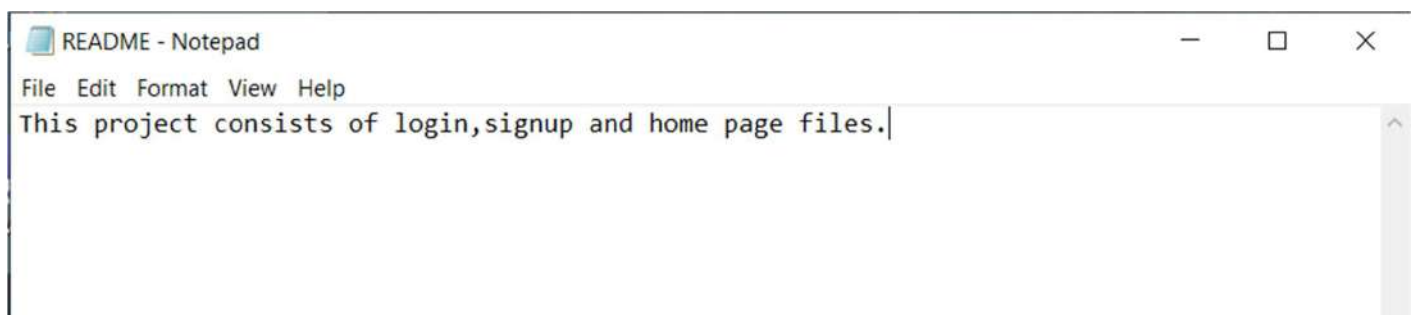
23. Create a file README.txt inside 'Assignments' & write few lines about the contents of 'Assignments' folder.



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
$ touch README.txt

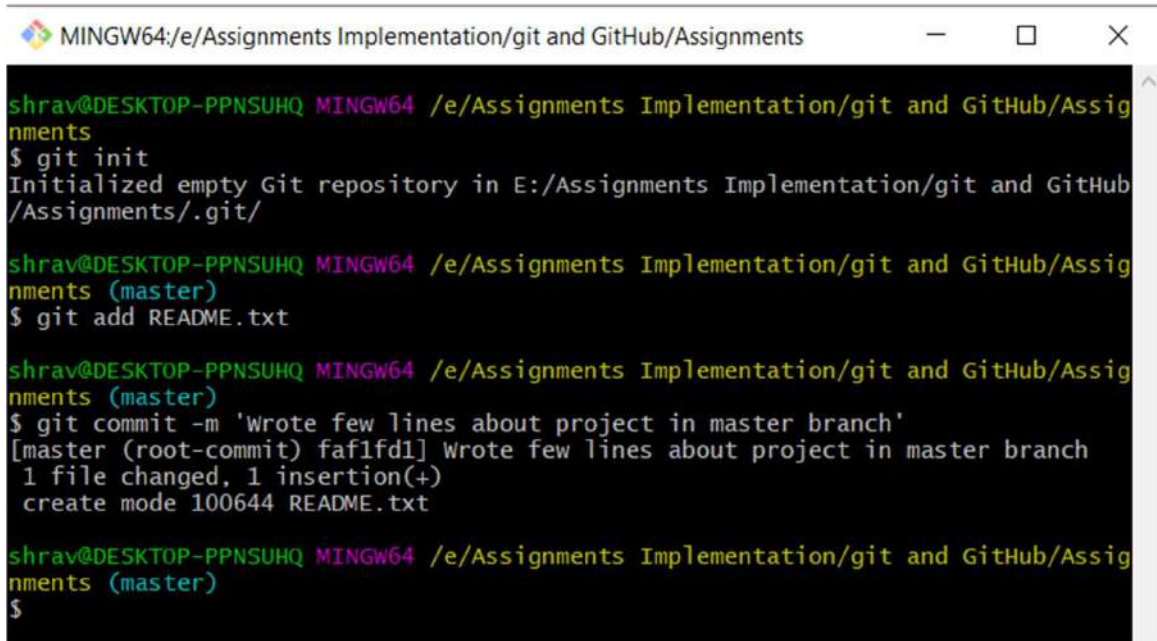
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
$ start README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
$
```



```
README - Notepad
File Edit Format View Help
This project consists of login,signup and home page files.
```

24. Commit README.txt file.



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
$ git init
Initialized empty Git repository in E:/Assignments Implementation/git and GitHub/Assignments/.git/

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git add README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git commit -m 'Wrote few lines about project in master branch'
[master (root-commit) fa1fd1] Wrote few lines about project in master branch
1 file changed, 1 insertion(+)
create mode 100644 README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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

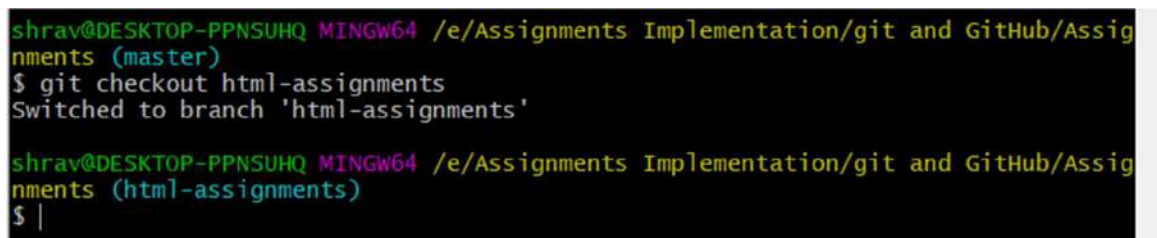


```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch html-assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```


26. Switch to 'html-assignments' branch.



```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

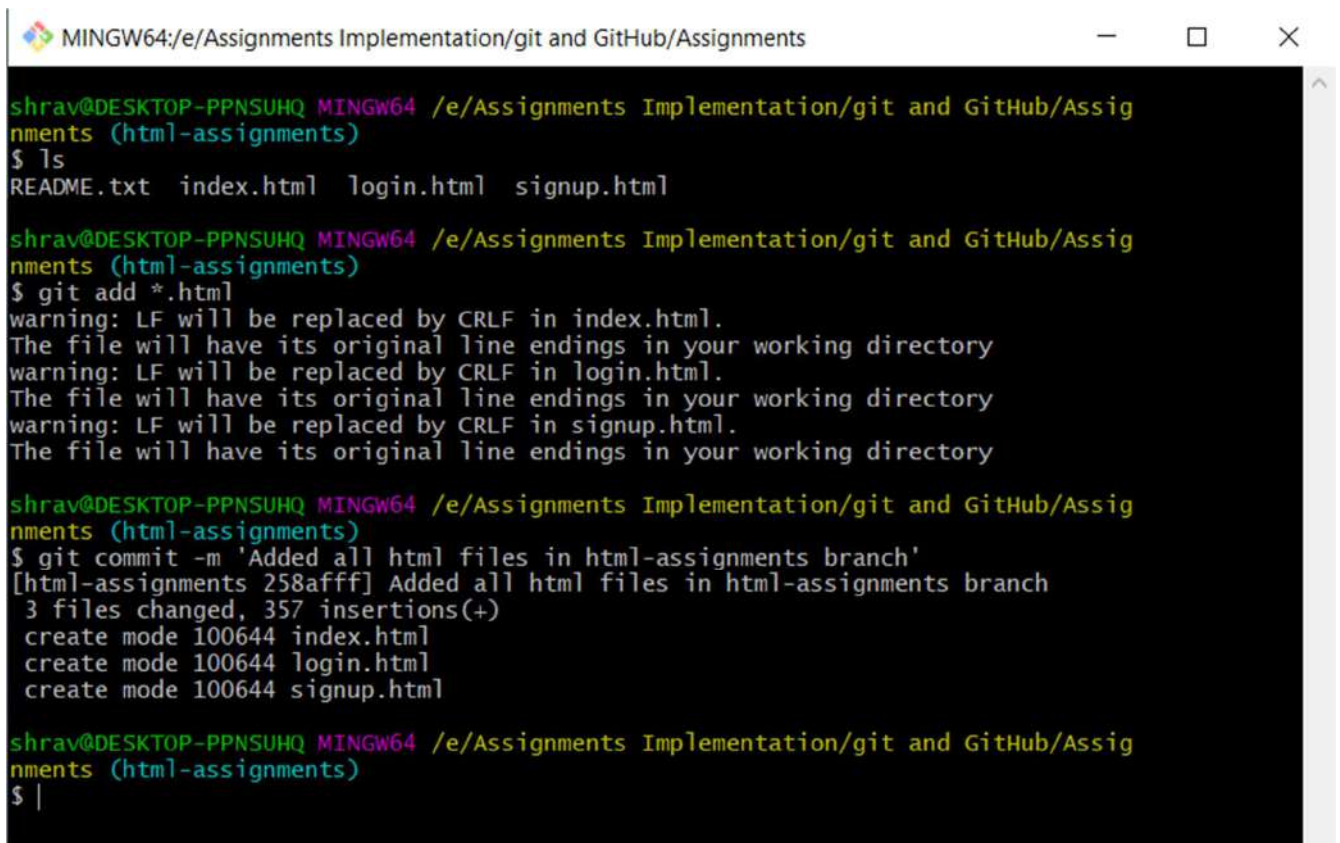
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ |
```

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



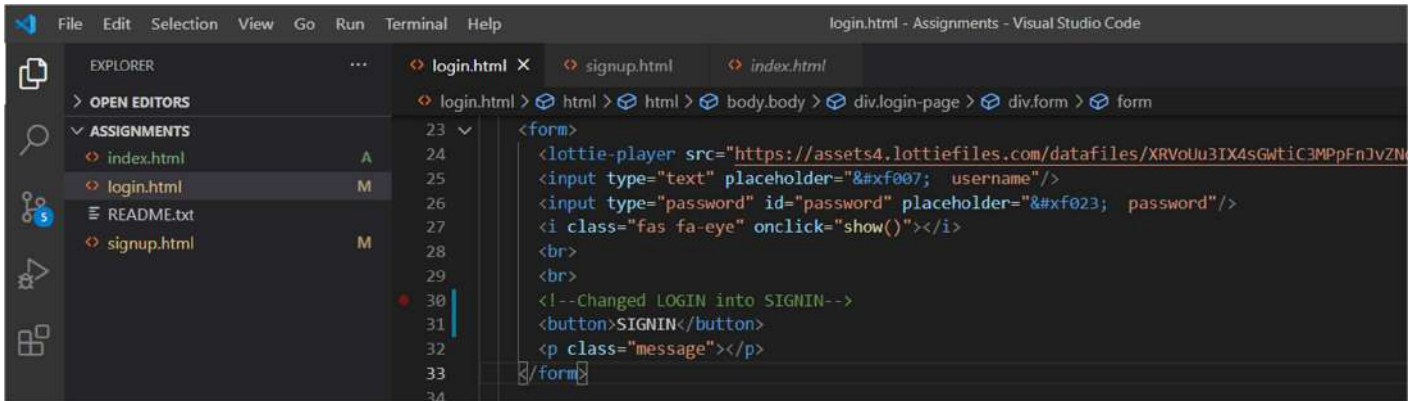
```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ ls
README.txt index.html login.html signup.html
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$
```

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

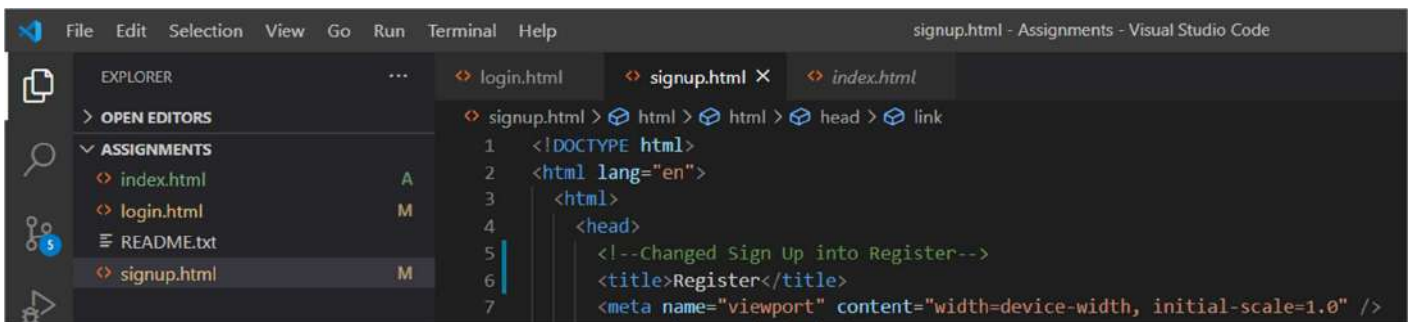


```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ ls
README.txt index.html login.html signup.html
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git add *.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in login.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in signup.html.
The file will have its original line endings in your working directory
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git commit -m 'Added all html files in html-assignments branch'
[html-assignments 258afff] Added all html files in html-assignments branch
3 files changed, 357 insertions(+)
create mode 100644 index.html
create mode 100644 login.html
create mode 100644 signup.html
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ |
```


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

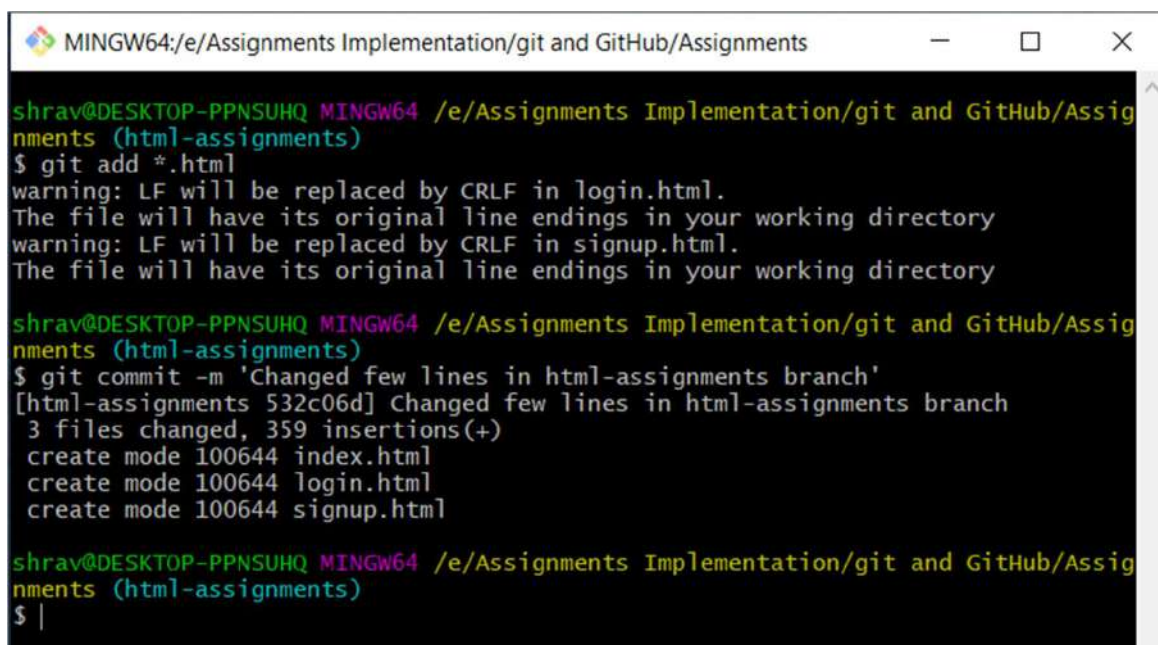


```
<form>
  <lottie-player src="https://assets4.lottiefiles.com/datafiles/XRVoUu3IX4sGwtic3MPpFnJvZN
  <input type="text" placeholder="&#xf007; username"/>
  <input type="password" id="password" placeholder="&#xf023; password"/>
  <i class="fas fa-eye" onclick="show()"></i>
  <br>
  <br>
  <!--Changed LOGIN into SIGNIN-->
  <button>SIGNIN</button>
  <p class="message"></p>
</form>
```



```
<!DOCTYPE html>
<html lang="en">
<html>
  <head>
    <!--Changed Sign Up into Register-->
    <title>Register</title>
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

30. Commit those changed files.



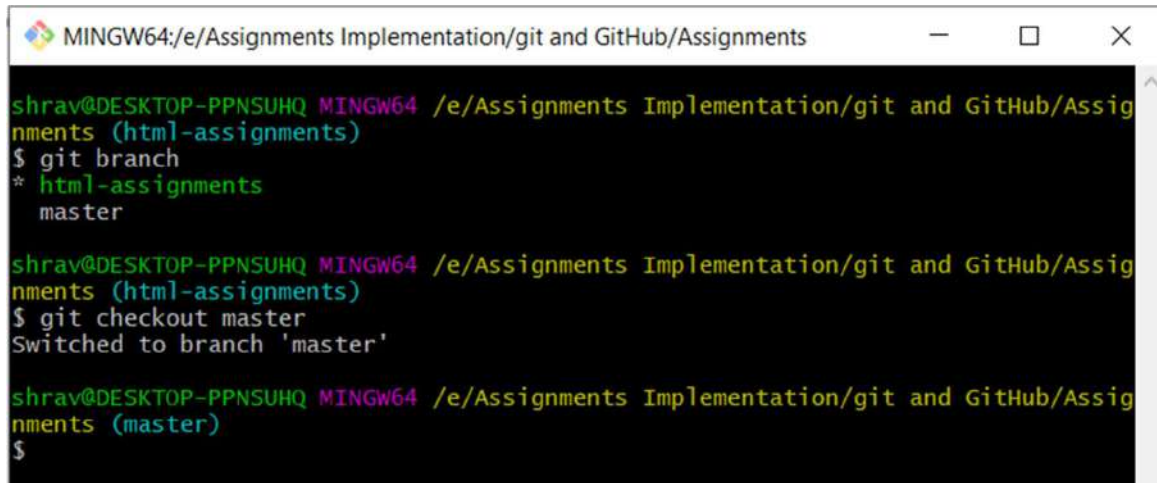
```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git add *.html
warning: LF will be replaced by CRLF in login.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in signup.html.
The file will have its original line endings in your working directory

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git commit -m 'Changed few lines in html-assignments branch'
[html-assignments 532c06d] Changed few lines in html-assignments branch
3 files changed, 359 insertions(+)
create mode 100644 index.html
create mode 100644 login.html
create mode 100644 signup.html

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ |
```

31. Switch to master branch.



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git branch
* html-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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



```
README - Notepad
File Edit Format View Help
This project consists of login,signup and home page files of 'TINDOG' company.
```



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ start README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ |
```

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git add README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git commit -m 'Added company name related to project in master branch'
[master eb60f28] Added company name related to project in master branch
1 file changed, 1 insertion(+), 1 deletion(-)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ |
```

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

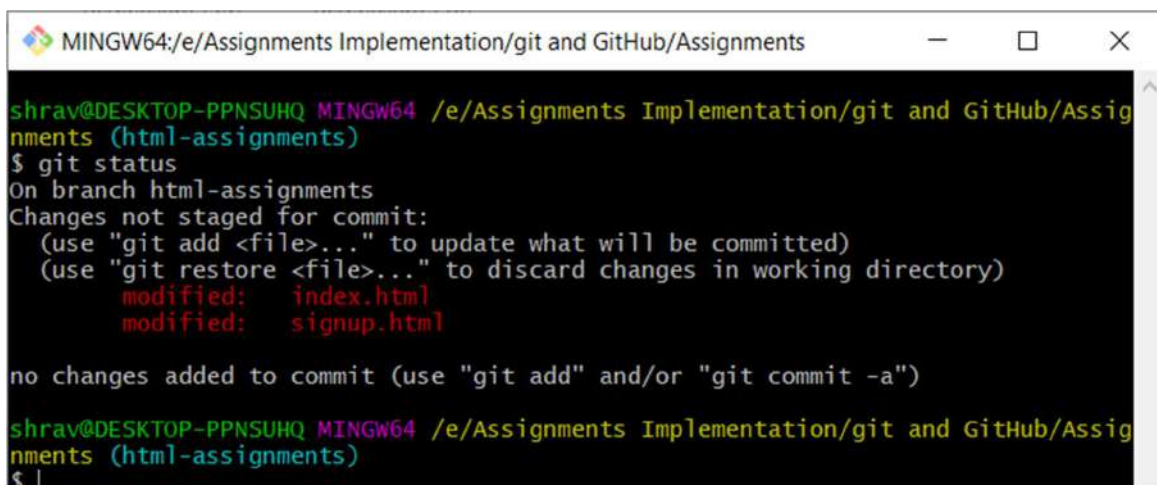
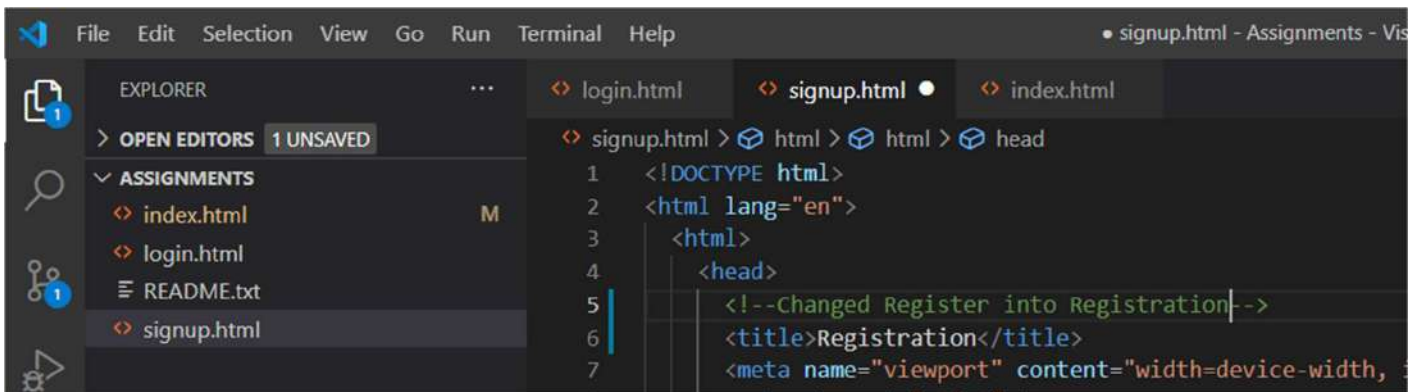
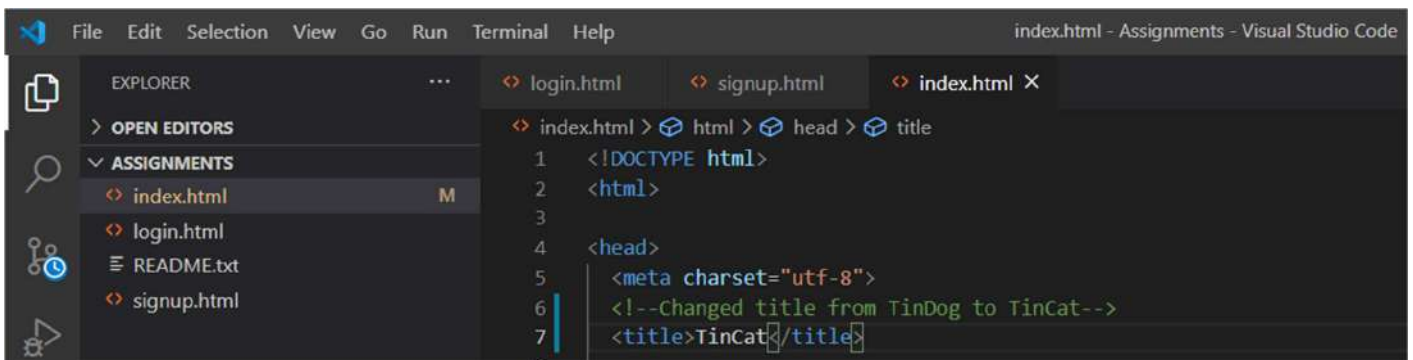
```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  html-assignments
* master

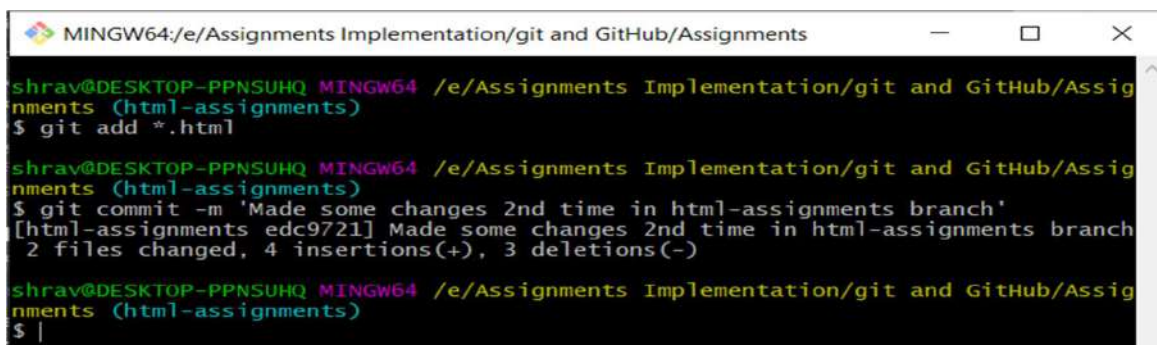
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ |
```


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



35. Commit those changes



36. Switch to master

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git branch
* html-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ |
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ ls
README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git merge html-assignments
Merge made by the 'recursive' strategy.
 index.html | 229 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 login.html |  57 ++++++
 signup.html |  74 ++++++
 3 files changed, 360 insertions(+)
 create mode 100644 index.html
 create mode 100644 login.html
 create mode 100644 signup.html

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ ls
README.txt  index.html  login.html  signup.html

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git log
commit 6104e7e6bee568730197cf64e07ce6cbcc444b9c (HEAD -> master)
Merge: eb60f28 edc9721
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 10:46:38 2021 +0530

    Merge branch 'html-assignments'
    Merged all the html assignments from html-assignments branch into master
    branch

commit edc972191f886ceca1768161fc8f3b401d25d229 (html-assignments)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 10:43:58 2021 +0530

    Made some changes 2nd time in html-assignments branch

commit eb60f284321f970f28b4cdf72f3dfc266fcf3599
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 10:36:58 2021 +0530

    Added company name related to project in master branch

commit 532c06de10bff3572e5fd0507461ac2c0f842fa8
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 10:31:45 2021 +0530

    Changed few lines in html-assignments branch

commit fa1fd1c68cbb47710b03382ba8eb0e132d9f4b5
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 10:13:18 2021 +0530

    Wrote few lines about project in master branch

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ |
```

38. Finally delete the 'html-assignments' branch

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  html-assignments
* master


shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was edc9721).

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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

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



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch css-assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
css-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

2. Switch to 'css-assignments' branch.

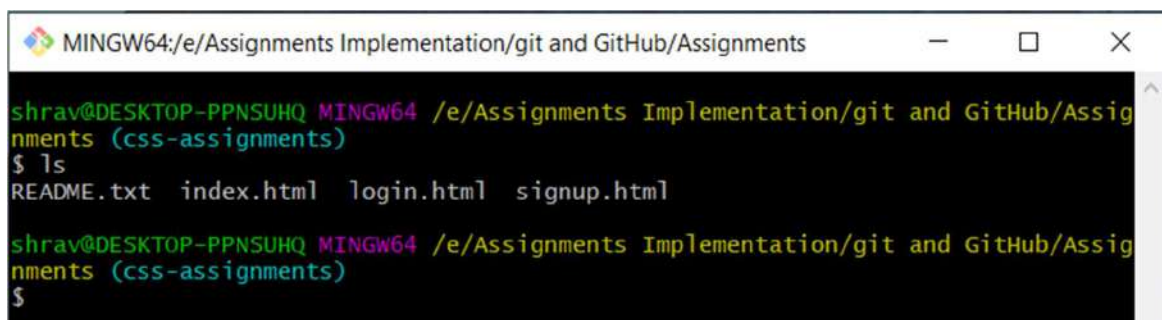


```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git branch
* css-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$
```

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



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ ls
README.txt  index.html  login.html  signup.html

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$
```

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ ls
README.txt  index_style.css  login_style.css  signup_style.css
index.html  login.html       signup.html

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git add *.css
warning: LF will be replaced by CRLF in login_style.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in signup_style.css.
The file will have its original line endings in your working directory

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git status
On branch css-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   index_style.css
        new file:   login_style.css
        new file:   signup_style.css
```

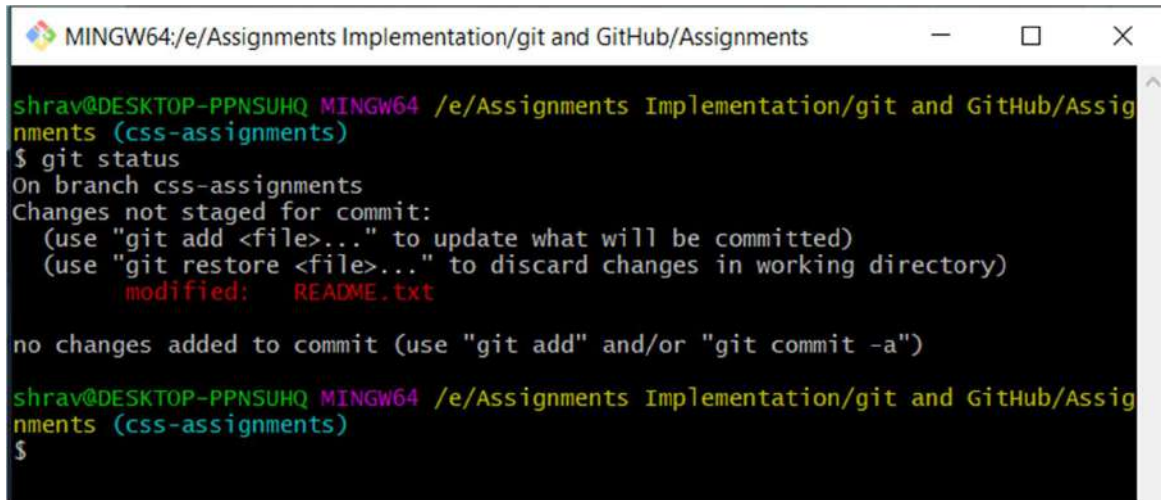
```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git commit -m 'Added css files into css-assignments branch'
[css-assignments 75830f9] Added css files into css-assignments branch
3 files changed, 485 insertions(+)
create mode 100644 index_style.css
create mode 100644 login_style.css
create mode 100644 signup_style.css

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git log
commit 75830f92f386f037a75f90f48ddc0ba4586ff692 (HEAD -> css-assignments)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date:   Sun Jan 10 13:28:50 2021 +0530

    Added css files into css-assignments branch
```


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

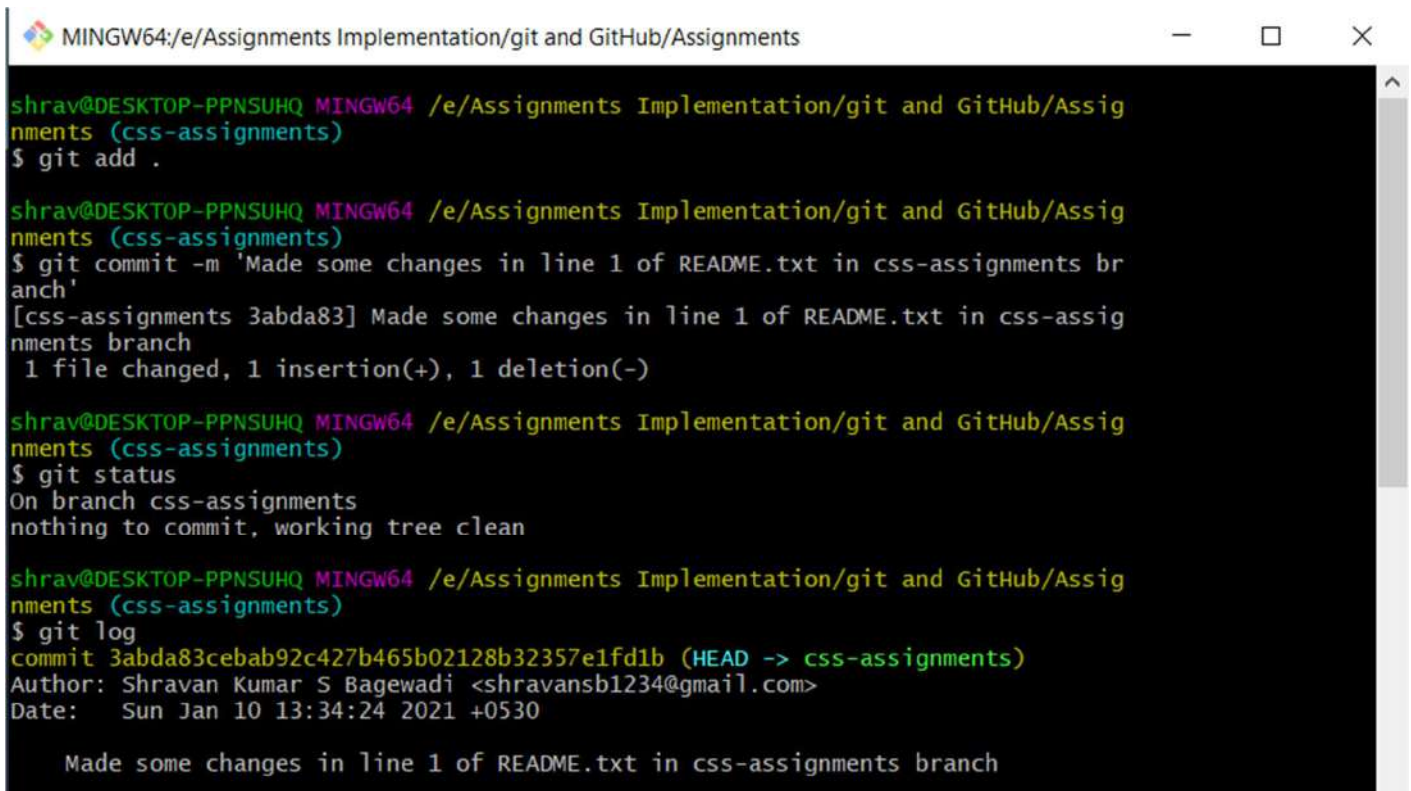


```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git status
On branch css-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$
```

6. Commit those changed files



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git add .

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git commit -m 'Made some changes in line 1 of README.txt in css-assignments branch'
[css-assignments 3abda83] Made some changes in line 1 of README.txt in css-assignments branch
1 file changed, 1 insertion(+), 1 deletion(-)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git log
commit 3abda83cebab92c427b465b02128b32357e1fd1b (HEAD -> css-assignments)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date:   Sun Jan 10 13:34:24 2021 +0530

    Made some changes in line 1 of README.txt in css-assignments branch
```


7. Switch to master branch

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignme...
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments)
$ git branch
* css-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  css-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ |
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignme...
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git add README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git commit -m 'Minor changes in README.txt on line 3 in master branch'
[master de442ce] Minor changes in README.txt on line 3 in master branch
1 file changed, 2 insertions(+), 1 deletion(-)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignme...
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
* css-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git branch
* css-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ |
```

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

```
File Edit Selection View Go Run Terminal Help
index_style.css - Assignments - Visual Studio Code

EXPLORER
  > OPEN EDITORS
  > ASSIGNMENTS
    # index_style.css M
    < index.html
    # login_style.css

# index_style.css > h1
14 .title-logo{
15     color: red; /* Changes color from black to red*/
16     margin-right: 6px;
17 }
```

```
File Edit Selection View Go Run Terminal Help
login_style.css - Assignments - Visual Studio Code

EXPLORER
  > OPEN EDITORS
  > ASSIGNMENTS
    # index_style.css M
    < index.html
    # login_style.css M
    < login.html

# login_style.css > .login-page
8
9
10 .login-page {
11     width: 400px; /* Changed width from 360px to 400px */
12     padding: 8% 0 0;
13     margin: auto;
```

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git status
On branch css-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   index_style.css
        modified:   login_style.css

no changes added to commit (use "git add" and/or "git commit -a")

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$
```

11. Commit those changes

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git add .

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git commit -m 'Made minor changes in files in css-assignments branch'
[css-assignments 92d731c] Made minor changes in files in css-assignments branch
2 files changed, 2 insertions(+), 2 deletions(-)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ |
```

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git log
commit 92d731c225605fd367be7b76434350c46329d4b8 (HEAD -> css-assignments)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date:   Sun Jan 10 13:47:22 2021 +0530

    Made minor changes in files in css-assignments branch
```

12. . Switch to master.

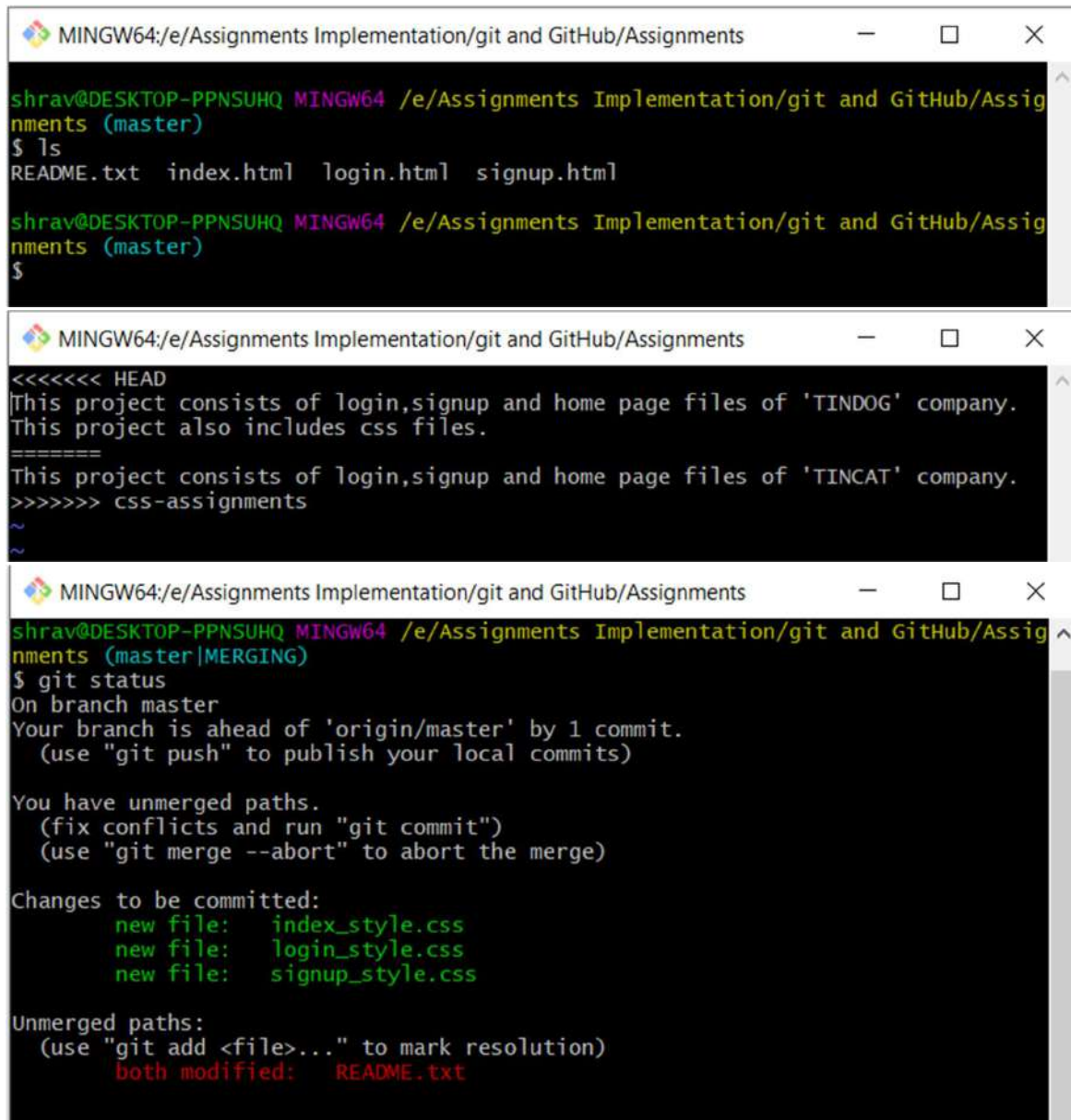
```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git branch
* css-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  css-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```


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



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ ls
README.txt  index.html  login.html  signup.html

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$

<<<<<<< HEAD
This project consists of login,signup and home page files of 'TINDOG' company.
This project also includes css files.
=====
This project consists of login,signup and home page files of 'TINCAT' company.
>>>>>>> css-assignments
~
~

MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   index_style.css
  new file:   login_style.css
  new file:   signup_style.css

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



```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ git add README.txt
```

```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ git status
```

```
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)
```

```
All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)
```

```
Changes to be committed:
  modified:   README.txt
  new file:   index_style.css
  new file:   login_style.css
  new file:   signup_style.css
```

```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ |
```

MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ git commit
[master e11fe97] Merge branch 'css-assignments' Here we merged all the css files from css-assignments branch to master branch
```

```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git log
commit e11fe973e629f84eaf1880eec1e47b91cac6a08e (HEAD -> master)
Merge: de442ce 92d731c
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 14:06:16 2021 +0530
```

```
    Merge branch 'css-assignments'
    Here we merged all the css files from css-assignments branch to master branch
```

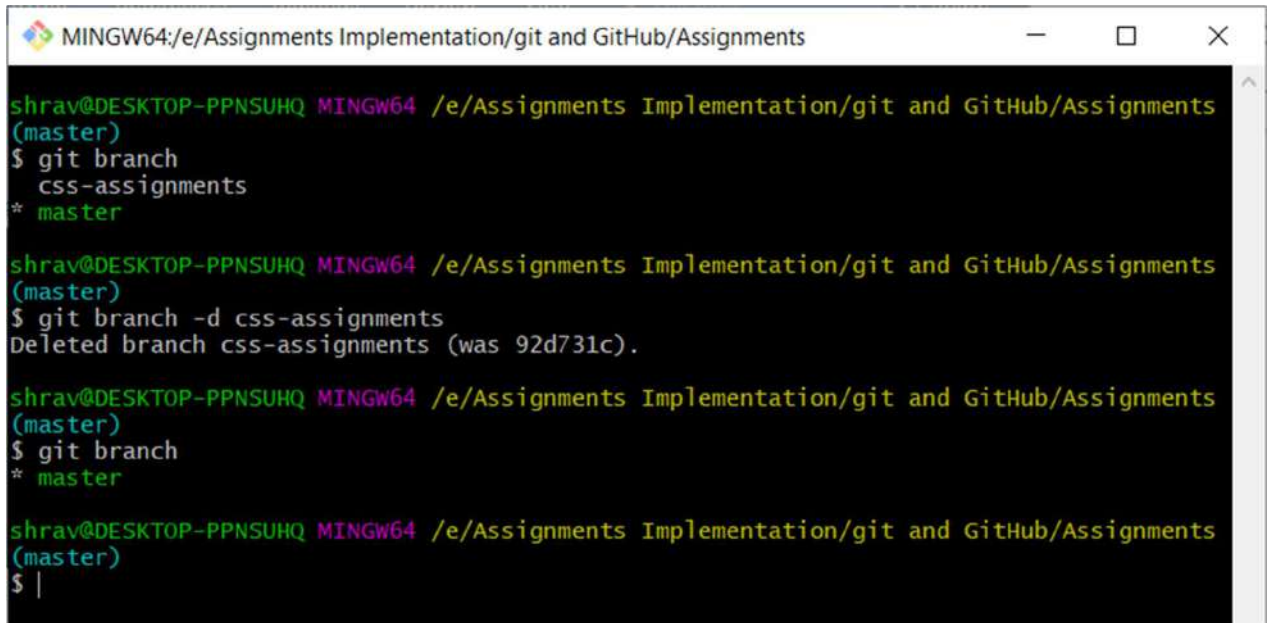
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  css-assignments
* master
```

```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ ls
README.txt  index_style.css  login_style.css  signup_style.css
index.html  login.html       signup.html
```

```
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
(master)
$ git branch
css-assignments
* master

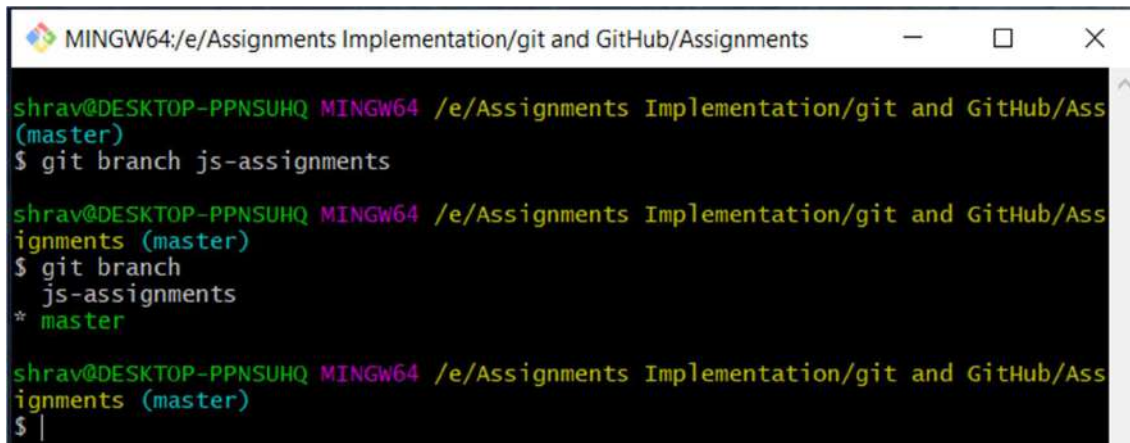
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
(master)
$ git branch -d css-assignments
Deleted branch css-assignments (was 92d731c).

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
(master)
$ git branch
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments
(master)
$ |
```

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

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

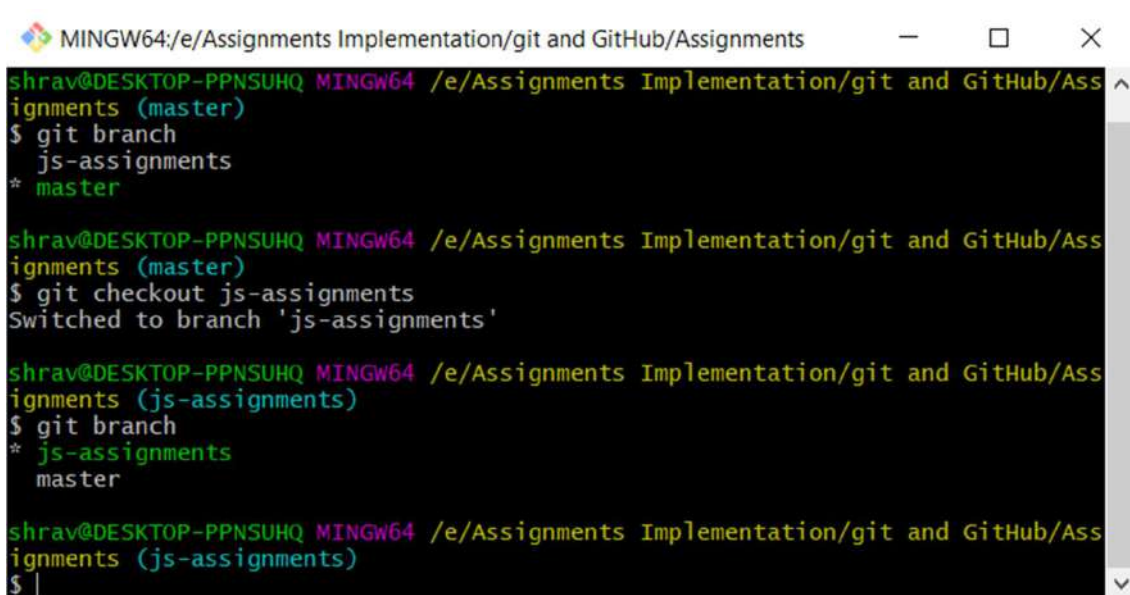


```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
(master)
$ git branch js-assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (master)
$ git branch
  js-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (master)
$ |
```

2. Switch to 'js-assignments' branch.



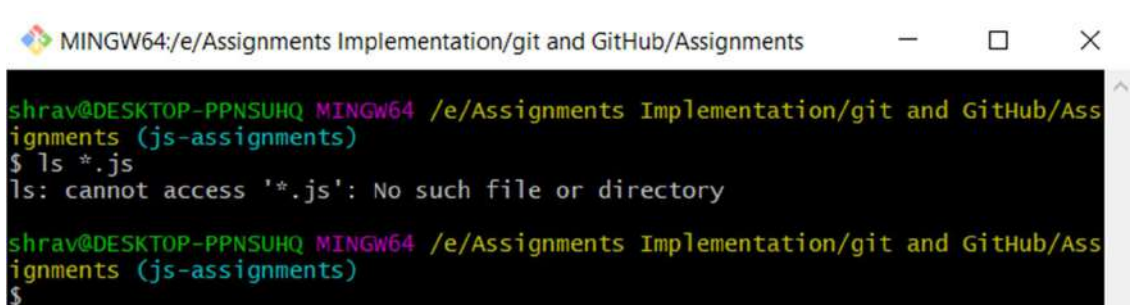
```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (master)
$ git branch
  js-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (js-assignments)
$ git branch
* js-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (js-assignments)
$ |
```

3. Copy all JavaScript assignments inside 'Assignments' folder



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (js-assignments)
$ ls *.js
ls: cannot access '*.js': No such file or directory

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Ass
ignments (js-assignments)
$
```

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ ls *.js
login.js  signup.js

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git add *.js

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git commit -m 'Added js files in js-assignments branch'
[js-assignments 8fd8a78] Added js files in js-assignments branch
2 files changed, 23 insertions(+)
create mode 100644 login.js
create mode 100644 signup.js

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git log
commit 8fd8a781c20b00471ae209651a5d0f2ff805af83 (HEAD -> js-assignments)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 14:24:52 2021 +0530

    Added js files in js-assignments branch
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git status
On branch js-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$
```


6. Commit those changed files.

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git add .

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git commit -m 'Made some minor changes to README.txt in js-assignments branch'
[js-assignments 79ebd9d] Made some minor changes to README.txt in js-assignments branch
1 file changed, 1 insertion(+), 1 deletion(-)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git log
commit 79ebd9d7af02971a216a7d8a59c9d19f8439c0ff (HEAD -> js-assignments)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date: Sun Jan 10 14:27:41 2021 +0530

    Made some minor changes to README.txt in js-assignments branch
```

7. Switch to master branch.

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git branch
* js-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  js-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git add .

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git commit -m 'Made some minor changes to README.txt in master branch'
[master 3de9c3d] Made some minor changes to README.txt in master branch
 1 file changed, 1 insertion(+), 1 deletion(-)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git log
commit 3de9c3d0195ff9f7d0b58ea3b85f7ea1e9092c81 (HEAD -> master)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date:   Sun Jan 10 14:31:57 2021 +0530

    Made some minor changes to README.txt in master branch
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments

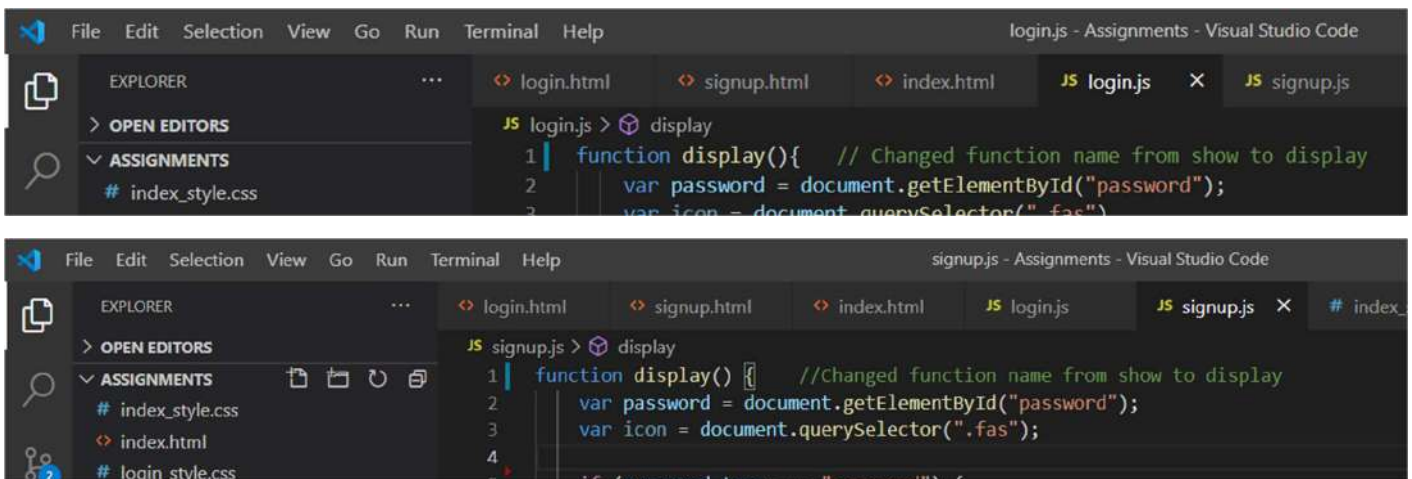
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  js-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git branch
* js-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ |
```

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



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git status
On branch js-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   login.js
        modified:   signup.js

no changes added to commit (use "git add" and/or "git commit -a")

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ |
```

11. Commit those changes.

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git add .

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git commit -m 'Made some minor changes into files in js-assignments branch'
[js-assignments 8613072] Made some minor changes into files in js-assignments branch
2 files changed, 2 insertions(+), 4 deletions(-)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git log
commit 8613072a1d2474776d269cce247ecbb932460ab5 (HEAD -> js-assignments)
Author: Shravan Kumar S Bagewadi <shravansb1234@gmail.com>
Date:   Sun Jan 10 14:37:21 2021 +0530

    Made some minor changes into files in js-assignments branch
```


12. Switch to master

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git branch
* js-assignments
  master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  js-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
<<<<<<< HEAD
This project consists of login,register and home page files of 'TINDOG' company.
=====
This project consists of signin,signup and home page files of 'TINDOG' company.
>>>>>> js-assignments
This project also includes css files.
~
~
~
```

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/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.

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$
```



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ git add README.txt

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
  modified:   README.txt
  new file:   login.js
  new file:   signup.js

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master|MERGING)
$ git commit
[master cabf7ac] Merge branch 'js-assignments' Merged js files from js-assignments branch to master branch

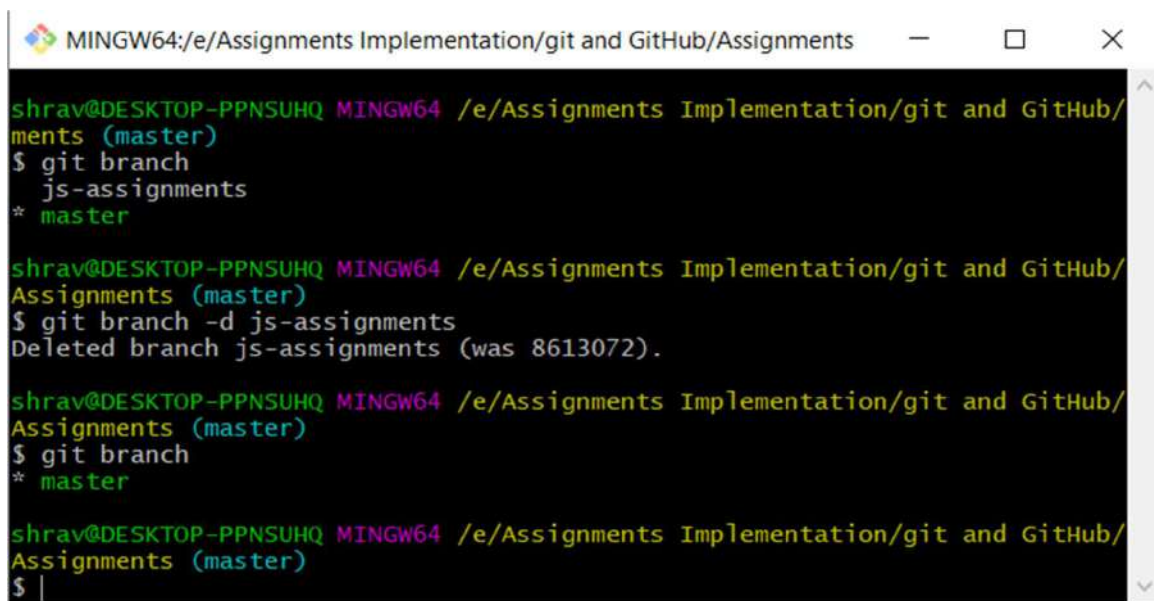
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ |
```

```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ git branch
  js-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$ ls *.js
login.js  signup.js

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/Assignments (master)
$
```

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



```
MINGW64:/e/Assignments Implementation/git and GitHub/Assignments
shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/
ments (master)
$ git branch
  js-assignments
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/
Assignments (master)
$ git branch -d js-assignments
Deleted branch js-assignments (was 8613072).

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/
Assignments (master)
$ git branch
* master

shrav@DESKTOP-PPNSUHQ MINGW64 /e/Assignments Implementation/git and GitHub/
Assignments (master)
$ |
```