

## Section 0 -Use GIT as local VCS.

- Steps to follow: 1. Create a directory 'project\_dir' & cd to 'project\_dir'.
2. Initialize git version database. (git init)
3. Create a new file index.html.
4. Check the git status. You should find index.html as untracked file.
5. Stage the index.html file.
6. Commit index.html 1-6 Steps

```
MINGW64:/c/chethan/GitAndGitHubAssignments/project_dir

chethan@LAPTOP-9T25RGM8 MINGW64 ~
$ cd C:

chethan@LAPTOP-9T25RGM8 MINGW64 /c
$ cd chethan

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan
$ cd GitAndGitHubAssignments

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments
$ mkdir project_dir

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments
$ cd project_dir

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir
$ git init
Initialized empty Git repository in C:/chethan/GitAndGitHubAssignments/project_dir/.git/

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (master)
$ git remote add origin https://github.com/ChethanJ8792/Assignments.git

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (master)
$ touch index.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.html

nothing added to commit but untracked files present (use "git add" to track)

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (master)
$ git commit -m " Added index.html file"
[master (root-commit) 77207ae] Added index.html file
1 file changed, 43 insertions(+)
create mode 100644 index.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (master)
$
```

7. Make few changes in index.html & create a new file info.txt file.
8. Check git status. You should find index.html & info.txt as untracked files.
9. Configure GIT to ignore all txt files.
10. Again check the git status. You should find only index.html as untracked file.
11. State & commit index.html 7,8 Steps

```

MINGW64/c/chethan/GitAndGitHubAssignments/project_dir
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.html

nothing added to commit but untracked files present (use "git add" to track)

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git commit -m "Added index.html file"
[master (root-commit) 7720/ae] Added index.html file
1 file changed, 43 insertions(+)
 create mode 100644 index.html

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ touch info.txt

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
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:   index.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        info.txt
        info.txt.txt

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

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
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:   index.html

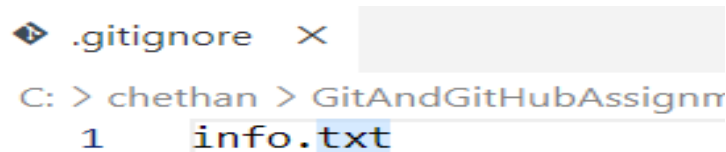
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        info.txt

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

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$

```

## 9 Step



```

C: > chethan > GitAndGitHubAssignr
1 info.txt

```

## 10,11 Steps

```

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
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:   index.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        info.txt

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

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
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:   index.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore

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

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git commit -m "index.html is committed in step 11 "
[master b56dae2] index.html is committed in step 11
1 file changed, 1 insertion(+)

chethan@LAPTOP-9T25RQM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$

```

12. Log all your comments so far.
13. Make some changes in index.html.
14. Revert the change made in the previous step using git command.

12

```
chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git log
commit b564ae31e3fdf8aea455c317cdd6e3734d73b5c7 (HEAD -> master)
Author: ChethanJ8792 <chethan2jsr4@gmail.com>
Date: Tue May 17 20:41:39 2022 +0530

    index.html is committed in step 11

commit 77207ae04a36e9aa1d37c01d855997553131cf7d
Author: ChethanJ8792 <chethan2jsr4@gmail.com>
Date: Tue May 17 17:26:24 2022 +0530

    Added index.html file

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
```

13

```
*index - Notepad
File Edit View

<!DOCTYPE html>
<html lang="en">
  <head>
    <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
    <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />

    <title>React frontend</title>
  </head>
  <body>
    <noscript>You need to enable JavaScript to run this app.</noscript>
    <div id="root"></div>
    <h1>Hiiii Welcome to Git and GitHub</h1>
    <h2>Assignment-2</h2>
  </body>
</html>
```

14

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="theme-color" content="#000000" />
    <meta
      name="description"
      content="Web site created using create-react-app"
    />
    <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
    <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />

    <title>React frontend</title>
  </head>
  <body>
    <noscript>You need to enable JavaScript to run this app.</noscript>
    <div id="root"></div>
    <h1>Hiiii Welcome to Git and GitHub</h1>
  </body>
</html>
```

15. Again change the index.html
16. Stage index.html
17. Revert back the last stage.
18. Rename 'add' command to 'my-add'

```

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git revert HEAD index.html
fatal: bad revision 'index.html'

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git reset HEAD index.html
Unstaged changes after reset:
M   index.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git revert HEAD index.html
fatal: bad revision 'index.html'

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git reset HEAD index.html
Unstaged changes after reset:
M   index.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
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:   index.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore

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

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ |

```

```

MINGW64/c/chethan/GitAndGitHubAssignments/project_dir
chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git config --global alias.my-add
add

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git my-add index1.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git commit -m "indeex1.html is committed at step 19"
[master 0845d8b] indeex1.html is committed at step 19
1 file changed, 12 insertions(+)

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
master)
$ git log
commit 0845d8bf9cfe8eec8eb701da2ce713d2a5c3ed7d (HEAD -> master)
Author: ChethanJ8792 <chethan2jsr4@gmail.com>
Date:   Wed May 18 16:00:22 2022 +0530

    indeex1.html is committed at step 19

commit b1e9f6d674a6aa71ee15e73dbf523651591182cf
Author: ChethanJ8792 <chethan2jsr4@gmail.com>
Date:   Wed May 18 15:58:05 2022 +0530

    commit index1.html

commit 80678d83be97c15f93432c77f17b16751c4a9e89 (origin/master)
Author: ChethanJ8792 <chethan2jsr4@gmail.com>
Date:   Wed May 18 13:15:26 2022 +0530

    modified document file

commit 9886a9146f5c9ec48b09001d279de532be321307
Author: ChethanJ8792 <chethan2jsr4@gmail.com>
Date:   Wed May 18 13:06:36 2022 +0530

    css file added

```

19. Using my\_add command Stage index.html again & commit the change

20. Revert the last commit.

## 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'.

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

24. Commit README.txt file.

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

26. Switch to 'html-assignments' branch.

```
MINGW64:/c/Users/chethan/Assignments

chethan@LAPTOP-9T25RGM8 MINGW64 ~
$ mkdir Assignments

chethan@LAPTOP-9T25RGM8 MINGW64 ~
$ cd Assignments

chethan@LAPTOP-9T25RGM8 MINGW64 ~/Assignments
$ touch README.txt

chethan@LAPTOP-9T25RGM8 MINGW64 ~/Assignments
$ git init
Initialized empty Git repository in C:/Users/chethan/Assignments/.git/

chethan@LAPTOP-9T25RGM8 MINGW64 ~/Assignments (master)
$ git add README.txt

chethan@LAPTOP-9T25RGM8 MINGW64 ~/Assignments (master)
$ git commit -m "committing the readme.txt file"
[master (root-commit) 672e440] committing the readme.txt file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.txt

chethan@LAPTOP-9T25RGM8 MINGW64 ~/Assignments (master)
$ git branch html-assignments

chethan@LAPTOP-9T25RGM8 MINGW64 ~/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

chethan@LAPTOP-9T25RGM8 MINGW64 ~/Assignments (html-assignments)
$ |
```

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

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

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

30. Commit those changed files.

```
chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
html-assignments)
$ git status
On branch html-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    ../../Assignments/
    demo.html

nothing added to commit but untracked files present (use "git add" to track)

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
html-assignments)
$ git add demo.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
html-assignments)
$ git status
On branch html-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   demo.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    ../../Assignments/

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
html-assignments)
$ git commit -m "committed the changes in branch"
[html-assignments 9dc7aa7] committed the changes in branch
1 file changed, 12 insertions(+)
create mode 100644 GitAndGitHubAssignments/project_dir/demo.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/GitAndGitHubAssignments/project_dir (
html-assignments)
$ |
```

31. Switch to master branch.
32. Make minor changes into README.txt file & commit those changes into master.
33. Again switch to 'html-assignments' branch.
34. Make minor changes into few files belonging to 'html-assignments' branch.
35. Commit those changes.

```
chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git add README.txt

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git commit -m "committed change in readme.txt"
[master d6398a8] committed change in readme.txt
1 file changed, 1 insertion(+), 1 deletion(-)

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'
D      Assignments/demo1.css

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (html-assignments)
$ touch demo2.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (html-assignments)
$ git add demo2.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (html-assignments)
$ git commit -m "changes in demo2.html"
[html-assignments dfb0d80] changes in demo2.html
1 file changed, 12 insertions(+)
create mode 100644 Assignments/demo2.html

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
D      Assignments/demo1.css
```

36. Switch to master.

37. Merge 'html-assignments' branch into master.

Confirm all html assignments are shown in master.

38. Finally delete the 'html-assignments' branch

```
MINGW64:/c/chethan

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan (master|MERGING)
$ git branch -d html-assignments
error: The branch 'html-assignments' is not fully merged.
If you are sure you want to delete it, run 'git branch -D html-assignments'.

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan (master|MERGING)
$ git branch -D html-assignments
Deleted branch html-assignments (was 9dc7aa7).

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan (master|MERGING)
$
```

## SECTION-2 - (CSS assignments)

Steps to follow:1. Create a new branch 'css-assignments'.

2. Switch to 'css-assignments' branch.

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

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

```
MINGW64:/c/chethan/Assignments

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git branch css-assignments

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git branch
* master
  css-assignments

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$ git checkout master *.css
error: pathspec '*.css' did not match any file(s) known to git

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    demo1.css

nothing added to commit but untracked files present (use "git add" to track)

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git add demo1.css

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git commit -m "css file added"
[master 9886a91] css file added
1 file changed, 3 insertions(+)
create mode 100644 Assignments/demo1.css

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$
```



5. Make minor changes into README.txt file on line 1 belonging to 'css-assignments' branch.
6. Commit those changed files.

```

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/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:   ../GitAndGitHubAssignments/project_dir/GitandgitHubAssignmen
t.docx

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

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$ touch readme.txt

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/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
    modified:   ../GitAndGitHubAssignments/project_dir/GitandgitHubAssignmen
t.docx

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

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$ git add readme.txt

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$ git commit -m "changes in readme .txt"
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
    modified:   ../GitAndGitHubAssignments/project_dir/GitandgitHubAssignmen
t.docx

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

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$ git add README.txt

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$ git commit -m "committed the changes in readme ccs-branch"
[css-assignments 55d6d7f] committed the changes in readme ccs-branch
1 file changed, 1 insertion(+), 1 deletion(-)

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (css-assignments)
$

```

7. Switch to master branch.
8. Make minor changes into README.txt file on line 3 & commit those changes into master.
9. Again switch to 'css-assignments' branch.
10. Make minor changes into few files belonging to 'css-assignments' branch.
11. Commit those changes.
12. Switch to master.
13. Merge 'css-assignments' branch into master. Confirm all css assignments are shown in master
14. Finally delete the 'css-assignments' branch.

```

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (css-assignment)
$ git switch master
Switched to branch 'master'
A       Assignments1/demo2.js
M       GitAndGitHubAssignments/project_dir/GitandgitHubAssignment.docx

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master)
$ touch README.txt

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master)
$ git add README.txt

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master)
$ git commit -m "committed file reamdm.txt"
[master d83451c] committed file reamdm.txt
3 files changed, 3 insertions(+)
create mode 100644 Assignments1/demo1.css
create mode 100644 Assignments1/demo2.js
create mode 100644 Assignments1/readme.txt

```

```

MINGW64:/c/chethan/Assignments1

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master|MERGING)
$ git merge css-assignments
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master|MERGING)
$ git branch -D css-assignment
Deleted branch css-assignment (was b446c17).

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master|MERGING)
$

```

### SECTION-3 - (JavaScript assignments)

- Steps to follow: 1. Create a new branch 'js-assignments'.
2. Switch to 'js-assignments' branch.
3. Copy all JavaScript assignments inside 'Assignments' folder.
4. Commit JavaScript assignments into 'js-assignments' branch.

 MINGW64:/c/chethan/Assignments

```
chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git branch js-assignments
```

```
chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'
```

```

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ git checkout master demo2.js
error: pathspec 'demo2.js' did not match any file(s) known to git

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ touch demo2.js

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ git checkout master *.js
error: pathspec 'demo2.js' did not match any file(s) known to git

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ git checkout master *.js
error: pathspec 'demo2.js' did not match any file(s) known to git

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ git checkout master .js
error: pathspec '.js' did not match any file(s) known to git

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ git checkout master demo2.js
error: pathspec 'demo2.js' did not match any file(s) known to git

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ ls
demo2.js

```

5. Make minor changes into README.txt file on line 1 belonging to 'js-assignments' branch.
6. Commit those changed files.
7. Switch to master branch.
8. Make minor changes into README.txt file on line 1 & commit those changes into master.
9. Again switch to 'js-assignments' branch.
10. Make minor changes into few files belonging to 'js-assignments' branch.
11. Commit those changes.
12. Switch to master.
13. Merge 'js-assignments' branch into master. Confirm all JavaScript assignments are shown in master.
14. Finally delete the 'js-assignments' branch.

```

../demo/

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (js-assignments)
$ git checkout master
Switched to branch 'master'
A       Assignments1/demo2.js
M       GitAndGitHubAssignments/project_dir/GitandgitHubAssignment.docx

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   demo2.js

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:   demo2.js
    modified:   ../GitAndGitHubAssignments/project_dir/GitandgitHubAssignmen
t.docx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    ../GitAndGitHubAssignments/project_dir/~WRL1513.tmp
    ../demo/

```

```

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master)
$ git merge js-assignments
Already up to date.

chethan@LAPTOP-9T25RGM8 MINGW64 /c/chethan/Assignments1 (master)
$ git branch -D js-assignments
Deleted branch js-assignments (was d6398a8).

```

GIT Remoting Objective: Pushing source code into GITHUB & collaborate team members.

### SECTION-3

(Pushing assignments to remote repository) - Steps to follow:

39. Create a github account if you do not have already.
40. Login on into github account.
41. Create new public repository 'freshersbatch-may15th'.
42. Commit & push any sample file to this repository under 'Assignments' directory

