

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

```
Chandan@ChandanGowda MINGW64 ~
$ cd C:

Chandan@ChandanGowda MINGW64 /c
$ cd users

Chandan@ChandanGowda MINGW64 /c/users
$ cd chandan

Chandan@ChandanGowda MINGW64 /c/users/chandan
$ mkdir project_dir

Chandan@ChandanGowda MINGW64 /c/users/chandan
$ cd project_dir

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir
$ git init
Initialized empty Git repository in C:/Users/Chandan/project_dir/.git/

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git remote add origin https://github.com/ChandanGowda574/Chandan_Gowda_JFSReact_Assignments.git

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ touch index.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/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)

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git add index.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git commit -m "index.html is committed at Step 6"
[master (root-commit) 2d99acc] index.html is committed at Step 6
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html
```

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

9 Step

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ touch info.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/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")

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ touch .gitignore

Chandan@ChandanGowda MINGW64 /c/users/chandan/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")
```

 .gitignore - Notepad

File Edit Format View Help

*.txt

10,11 Steps

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/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")

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git add index.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git commit -m "index.html is committed at Step 11"
[master 4279dfc] index.html is committed at Step 11
1 file changed, 12 insertions(+)
```

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

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git log
commit 4279dfc63c771ae62c0872c5fb790d2a5bef0856 (HEAD -> master)
Author: Chandan Gowda <chandangowda574@gmail.com>
Date: Thu Oct 21 17:49:39 2021 +0530

    index.html is committed at Step 11

commit 2d99acc35cfdfec41b3f012d7d314f8b55c2c0f8
Author: Chandan Gowda <chandangowda574@gmail.com>
Date: Thu Oct 21 17:25:47 2021 +0530

    index.html is committed at Step 6

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git checkout -- .
```

13

```
index - Notepad
File Edit Format View Help

<!DOCTYPE html>
<html>
<head>
<title>Index</title>
</head>
<body>

<h1>My First Git Assignment</h1>
<p>Learning Git.</p>
<h2>Adding Some changes</h2>

</body>
</html>
```


14

```
index - Notepad
File Edit Format View Help

<!DOCTYPE html>
<html>
<head>
<title>Index</title>
</head>
<body>

<h1>My First Git Assignment</h1>
<p>Learning Git.</p>

</body>
</html>
```

 index - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
<html>
<head>
<title>Index</title>
</head>
<body>

<h1>My First Git Assignment</h1>
<p>Learning Git.</p>
<h2>Changes being made in Step 15</h2>
</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'.

16, 17

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git add index.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git revert HEAD index.html
fatal: bad revision 'index.html'

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git reset HEAD index.html
Unstaged changes after reset:
M      index.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/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")
```

19. Using my_add command Stage index.html again & commit the change
20. Revert the last commit.

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git config --global alias.my_add add
error: invalid key: alias.my_add

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git config --global alias.my-add add

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git my-add index.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git commit -m "index.html is committed at Step 19"
[master f91d7fe] index.html is committed at Step 19
1 file changed, 1 insertion(+), 1 deletion(-)

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git log
commit f91d7fe643a0aa75ecfc64a40cb2562a4c7f02fd (HEAD -> master)
Author: Chandan Gowda <chandangowda574@gmail.com>
Date: Thu Oct 21 18:22:55 2021 +0530

    index.html is committed at Step 19

commit 4279dfc63c771ae62c0872c5fb790d2a5bef0856
Author: Chandan Gowda <chandangowda574@gmail.com>
Date: Thu Oct 21 17:49:39 2021 +0530

    index.html is committed at Step 11

commit 2d99acc35cfdfec41b3f012d7d314f8b55c2c0f8
Author: Chandan Gowda <chandangowda574@gmail.com>
Date: Thu Oct 21 17:25:47 2021 +0530

    index.html is committed at Step 6

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git reset --soft HEAD^

Chandan@ChandanGowda MINGW64 /c/users/chandan/project_dir (master)
$ git log
commit 4279dfc63c771ae62c0872c5fb790d2a5bef0856 (HEAD -> master)
Author: Chandan Gowda <chandangowda574@gmail.com>
Date: Thu Oct 21 17:49:39 2021 +0530

    index.html is committed at Step 11

commit 2d99acc35cfdfec41b3f012d7d314f8b55c2c0f8
Author: Chandan Gowda <chandangowda574@gmail.com>
Date: Thu Oct 21 17:25:47 2021 +0530

    index.html is committed at Step 6
```

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.

22-26 Steps

```
Chandan@ChandanGowda MINGW64 /c/users/chandan
$ mkdir Assignments

Chandan@ChandanGowda MINGW64 /c/users/chandan
$ cd Assignments

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments
$ touch README.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments
$ git add README.txt
fatal: not a git repository (or any of the parent directories): .git

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments
$ git init
Initialized empty Git repository in C:/Users/Chandan/Assignments/.git/

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git add README.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git commit -m "committing the readme.txt file"
[master (root-commit) 6f570eb] committing the readme.txt file
1 file changed, 3 insertions(+)
create mode 100644 README.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git branch html-assignments

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git checkout html-assignments
Switched to branch '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.

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git checkout master *.html
Updated 2 paths from b94ce79

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git add *.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git commit -m "committing all the html files in branch"
[html-assignments c5a3dca] committing all the html files in branch
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 demo1.html
create mode 100644 demo2.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ ls
README.txt  demo1.html  demo2.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ touch demo1.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ vi demo1.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git status
On branch html-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:   demo1.html

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git commit -m "committed the changes in branch"
On branch html-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:   demo1.html

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git add demo1.html
warning: LF will be replaced by CRLF in demo1.html.
The file will have its original line endings in your working directory

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git commit -m "committed the changes in branch html file"
[html-assignments cd5ea49] committed the changes in branch html file
1 file changed, 2 insertions(+)
```

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.

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

Chandan@ChandanGowda MINGW64 /c/users/chandan/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")

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git add README.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git commit -m "Committed to changes in readme.txt"
[master 2d35a27] Committed to changes in readme.txt
 1 file changed, 2 insertions(+), 1 deletion(-)

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ vi demo2.html

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git status
On branch html-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:   demo2.html

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git add demo2.html
warning: LF will be replaced by CRLF in demo2.html.
The file will have its original line endings in your working directory

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git commit -m "changes in demo2.html"
[html-assignments 0f12ec6] changes in demo2.html
 1 file changed, 3 insertions(+)

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
```

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.

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git merge html-assignments
CONFLICT (add/add): Merge conflict in demo2.html
Auto-merging demo2.html
CONFLICT (add/add): Merge conflict in demo1.html
Auto-merging demo1.html
Merge made by the 'recursive' strategy.
 demo1.html | 2 ++
 demo2.html | 3 +++
2 files changed, 5 insertions(+)

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 0f12ec6).
```

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.

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git branch css-assignments

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git branch
css-assignments
* master

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git checkout master *.css
error: pathspec 'demo1.css' did not match any file(s) known to git

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    New Text Document.txt
    demo1.css

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/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)

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git add demo1.css

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git commit -m "css file is added"
[master 73c71c5] css file is added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 demo1.css
```


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

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ touch readme.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ vi readme.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/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")

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git add readme.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/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

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git add README.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git commit -m"changes in readme.txt"
[css-assignments 2b0fb4f] changes in readme.txt
1 file changed, 2 insertions(+), 2 deletions(-)
```

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.

```

MINGW64:/c/users/chandan/Assignments
Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

Chandan@ChandanGowda MINGW64 /c/users/chandan/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")

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git add README.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git commit -m "changes in master branch readme"
[master 4fdc085] changes in master branch readme
1 file changed, 2 insertions(+), 1 deletion(-)

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ vi demo1.css

Chandan@ChandanGowda MINGW64 /c/users/chandan/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:   demo1.css

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git add demo1.css
warning: LF will be replaced by CRLF in demo1.css.
The file will have its original line endings in your working directory

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git commit -m "added lines to css file"
[css-assignments a7f5fba] added lines to css file
1 file changed, 2 insertions(+)

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master)
$ git merge css-assignments
CONFLICT (add/add): Merge conflict in demo1.css
Auto-merging demo1.css
Auto-merging README.txt

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master|MERGING)
$ git branch -d css-assignments
error: The branch 'css-assignments' is not fully merged.
If you are sure you want to delete it, run 'git branch -D css-assignments'.

Chandan@ChandanGowda MINGW64 /c/users/chandan/Assignments (master|MERGING)
$ git branch -D css-assignments
Deleted branch css-assignments (was a7f5fba).

```

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.

```

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (master)
$ git branch js-assignments

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

```

```

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ git checkout master demo1.js
Updated 0 paths from 3311ad7

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ git checkout master *.js
Updated 0 paths from 3311ad7

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ ls
demo.js  demo1.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.

```

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ vi demo.js

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (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:   demo.js

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ git add demo.js
warning: LF will be replaced by CRLF in demo.js.
The file will have its original line endings in your working directory

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ git status
On branch js-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   demo.js

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ git commit -m "change in branch js filr"
[js-assignments eccadb3] change in branch js filr
1 file changed, 1 insertion(+)

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ git status
On branch js-assignments
nothing to commit, working tree clean

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (js-assignments)
$ git checkout master
Switched to branch 'master'

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (master)
$ vi demo.js

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (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:   demo.js

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

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (master)
$ git add demo.js
warning: LF will be replaced by CRLF in demo.js.

```

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (master)
$ git merge js-assignments
Already up to date.

Chandan@ChandanGowda MINGW64 /c/users/chandan/assignments1 (master)
$ git branch -d js-assignments
Deleted branch js-assignments (was eccadb3).
```

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-oct16'.
42. Commit & push any sample file to this repository under 'Assignments' directory.

```
Chandan@ChandanGowda MINGW64 /c/users/chandan/sample (master)
$ git remote add origin https://github.com/ChandanGowda574/freshersbatch-oct16.git

Chandan@ChandanGowda MINGW64 /c/users/chandan/sample (master)
$ git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 246 bytes | 82.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ChandanGowda574/freshersbatch-oct16.git
 * [new branch]      master -> master
```

The screenshot shows the GitHub interface for a public repository named 'freshersbatch-oct16' by user 'ChandanGowda574'. The repository has 1 branch (master) and 0 tags. A recent commit by 'ChandanGowda574' is shown, titled 'committed a sample.txt file', with a commit hash of 'fff2b5a' and a timestamp of '6 minutes ago'. The commit details show a file named 'sample.txt' was added. Below the commit, there is a prompt to 'Add a README' to help people understand the project. On the right side, there are sections for 'About' (no description provided), 'Releases' (no releases published), and 'Packages' (no packages published). The footer of the page includes copyright information for GitHub, Inc. and various links like Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About.