

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

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment
$ mkdir project_dir

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment
$ cd project_dir/

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
project_dir
$ git init
Initialized empty Git repository in F:/Capegemini/WORK START/Learning Material/Git Assignment/project_d
ir/.git/

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
project_dir (master)
$ touch index.html

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
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)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
project_dir (master)
$ git add index.html

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
project_dir (master)
$ git commit -m 'index.html committed as step 6'
[master (root-commit) c70e870] index.html committed as 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

7-11

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ touch info.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_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")

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ touch .gitignore

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_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")

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git add index.html

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git commit -m 'index.html committed as step 11'
[master 2539a71] index.html committed as step 11
1 file changed, 13 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. (will go on step 11 committed index.html)

12-14

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git log
commit 2539a71034af3ded1b5cbc641de4ac60e2f84ee5 (HEAD -> master)
Author: unknown <priyanka_ux7219@outlook.com>
Date: Thu Oct 21 15:31:37 2021 +0530

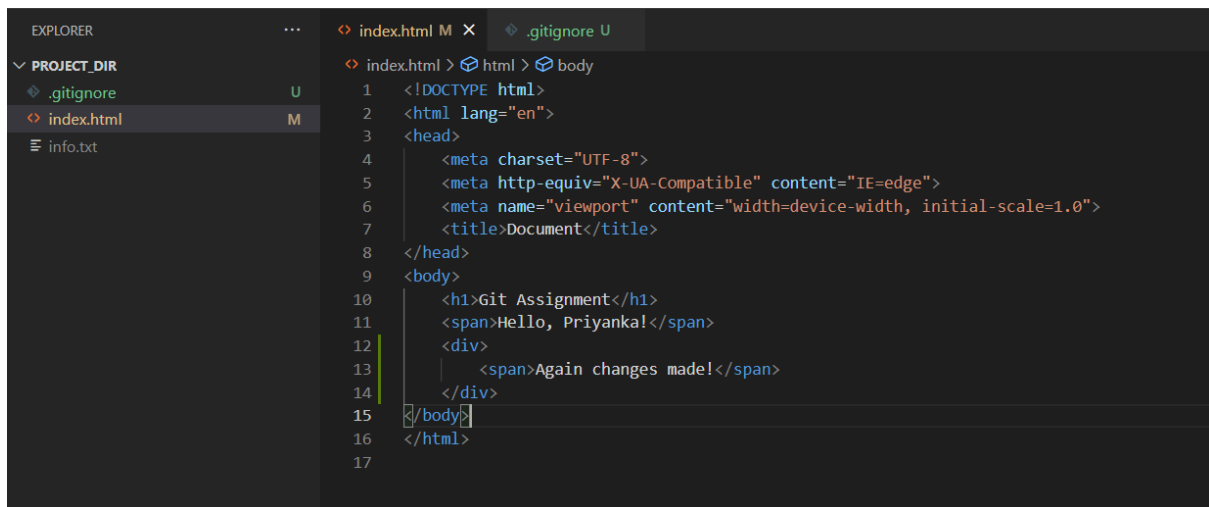
    index.html committed as step 11

commit c70e87065f5985407055bd4c993e46f367bb6c89
Author: unknown <priyanka_ux7219@outlook.com>
Date: Thu Oct 21 15:20:46 2021 +0530

    index.html committed as step 6

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git checkout -- .
```

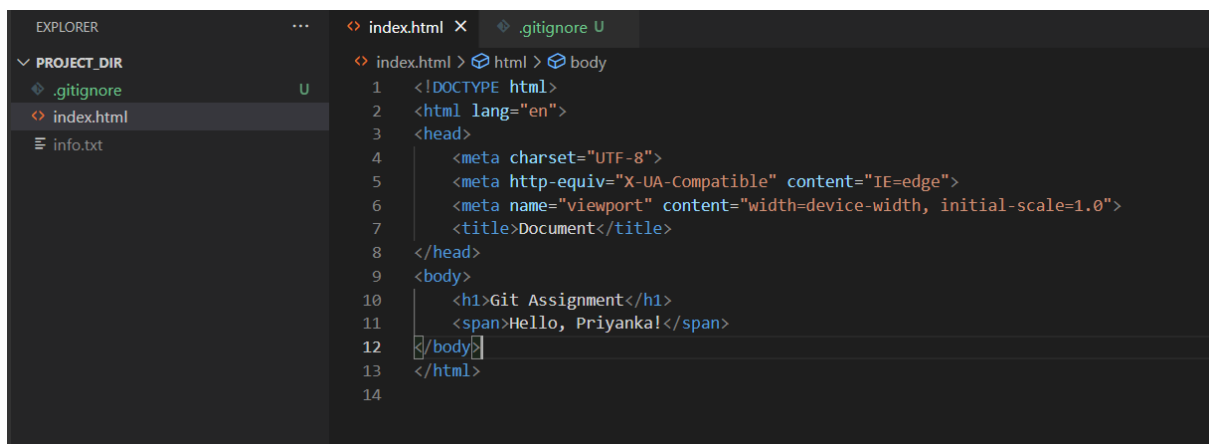
13



The screenshot shows the VS Code editor with the Explorer sidebar on the left. The Explorer shows a project directory with files .gitignore, index.html, and info.txt. The index.html file is selected and its content is displayed in the main editor. The code is an HTML document with a head section containing meta tags for charset, http-equiv, and viewport, and a title. The body section contains an h1 tag, a span tag, and a div tag. The div tag contains a span tag with the text 'Again changes made!'. The cursor is positioned at the end of the div tag.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <h1>Git Assignment</h1>
11   <span>Hello, Priyanka!</span>
12   <div>
13     <span>Again changes made!</span>
14   </div>
15 </body>
16 </html>
17
```

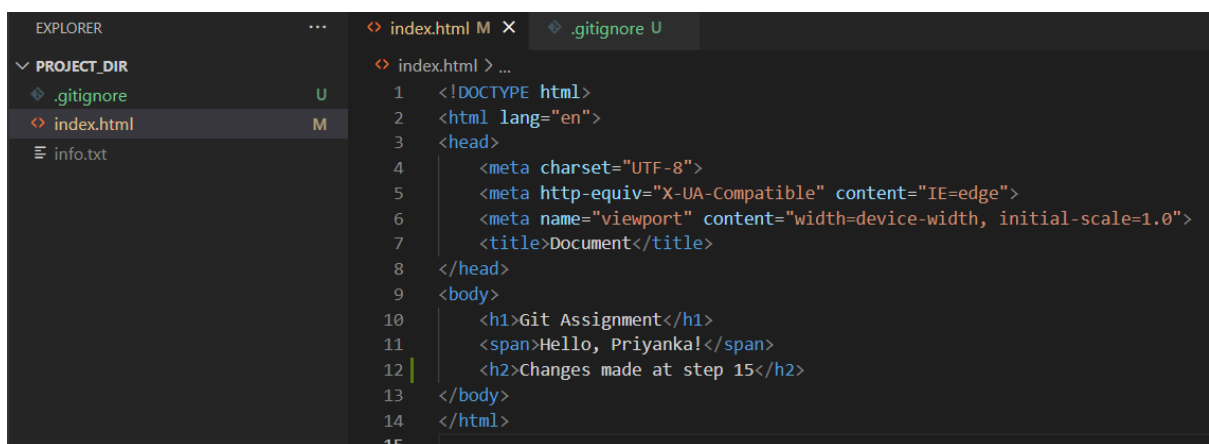
14



The screenshot shows the VS Code editor with the Explorer sidebar on the left. The Explorer shows a project directory with files .gitignore, index.html, and info.txt. The index.html file is selected and its content is displayed in the main editor. The code is an HTML document with a head section containing meta tags for charset, http-equiv, and viewport, and a title. The body section contains an h1 tag and a span tag. The cursor is positioned at the end of the span tag.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <h1>Git Assignment</h1>
11   <span>Hello, Priyanka!</span>
12 </body>
13 </html>
14
```

15. Again change index.html.



The screenshot shows the VS Code editor with the Explorer sidebar on the left. The Explorer shows a project directory with files .gitignore, index.html, and info.txt. The index.html file is selected and its content is displayed in the main editor. The code is an HTML document with a head section containing meta tags for charset, http-equiv, and viewport, and a title. The body section contains an h1 tag, a span tag, and a new h2 tag. The cursor is positioned at the end of the h2 tag.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <h1>Git Assignment</h1>
11   <span>Hello, Priyanka!</span>
12   <h2>Changes made at step 15</h2>
13 </body>
14 </html>
15
```

16. Stage index.html
17. Revert back the last stage. (here index.html file will be untracked step)
18. Rename 'add' command to 'my-add'.

16-18

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git add index.html

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git revert HEAD index.html
fatal: bad revision 'index.html'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git reset HEAD index.html
Unstaged changes after reset:
M      index.html

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_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")

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git config --global alias.my-add add
```

19. Using my_add command Stage index.html again & commit the changes.
20. Revert the last commit. (here we skip 19 step commit & go to 2nd last commit)

18-20

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git config --global alias.my-add add

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git my-add index.html

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git commit -m 'index.html committed as step 19'
[master 66803ad] index.html committed as step 19
1 file changed, 1 insertion(+)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git log
commit 66803ad315fc9d0735368d32a26b4b5c62785a3c (HEAD -> master)
Author: unknown <priyanka_ux7219@outlook.com>
Date: Thu Oct 21 15:45:34 2021 +0530

    index.html committed as step 19

commit 2539a71034af3ded1b5cbc641de4ac60e2f84ee5
Author: unknown <priyanka_ux7219@outlook.com>
Date: Thu Oct 21 15:31:37 2021 +0530

    index.html committed as step 11

commit c70e87065f5985407055bd4c993e46f367bb6c89
Author: unknown <priyanka_ux7219@outlook.com>
Date: Thu Oct 21 15:20:46 2021 +0530

    index.html committed as step 6

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git reset --soft HEAD^

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/p
roject_dir (master)
$ git log
commit 2539a71034af3ded1b5cbc641de4ac60e2f84ee5 (HEAD -> master)
Author: unknown <priyanka_ux7219@outlook.com>
Date: Thu Oct 21 15:31:37 2021 +0530

    index.html committed as step 11

commit c70e87065f5985407055bd4c993e46f367bb6c89
Author: unknown <priyanka_ux7219@outlook.com>
Date: Thu Oct 21 15:20:46 2021 +0530

    index.html committed as step 6
```

GIT Branching

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

1. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files.
2. Create an empty directory 'Assignments' & cd to 'Assignments'.
3. Create a file README.txt inside 'Assignments' & write few lines about the contents of 'Assignments' folder.
4. Commit README.txt file.
5. Now create a new branch 'html-assignments'.
6. Switch to 'html-assignments' branch.
7. Copy all HTML assignments inside 'Assignments' folder.
8. Commit HTML assignments into 'html-assignments' branch.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment
$ mkdir Assignments

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment
$ cd Assignments/

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments
$ git init
Initialized empty Git repository in F:/Capegemini/WORK START/Learning Material/Git Assignment/Assignmen
ts/.git/

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ touch README.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git add README.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git commit -m 'README file added & committed'
[master (root-commit) 55f6f7c] README file added & committed
1 file changed, 2 insertions(+)
create mode 100644 README.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git branch html-assignments

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ ls
README.txt  index.html  info.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git commit -m 'added HTML Assignments Files to html-assignments step 28'
[html-assignments 97edab6] added HTML Assignments Files to html-assignments step 28
2 files changed, 14 insertions(+)
create mode 100644 index.html
create mode 100644 info.txt
```

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

```
EXPLORER
ASSIGNMENTS
  index.html M
  info.txt
  README.txt

index.html M
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10  <h1>Git Assignment 1 Branching </h1>
11  <span>Hello, Priyanka!</span>
12  <h2>Changes made at step 29</h2>
13 </body>
14 </html>
15
```

10. Commit those changed files.
11. Switch to master branch.
12. Make minor changes into README.txt file & commit those changes into master.
13. Again switch to 'html-assignments' branch.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git commit -m 'changes done in info.txt & index.html files as step 29'
[html-assignments 1560249] changes done in info.txt & index.html files as step 29
 2 files changed, 3 insertions(+), 2 deletions(-)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git checkout master
Switched to branch 'master'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (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")

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git add README.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git commit -m 'changes done in README.txt files as step 32'
[master 9f6f2c8] changes done in README.txt files as step 32
 1 file changed, 4 insertions(+), 2 deletions(-)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$
```

14. Make minor changes into few files belonging to 'html-assignments' branch.
15. Commit those changes.
16. Switch to master.
17. Merge 'html-assignments' branch into master. Confirm all html assignments are shown in master.
18. Finally delete the 'html-assignments' branch.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git add *.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git commit -m 'changes done in info.txt & README.txt files as step 34 in step 35'
[html-assignments 76e9001] changes done in info.txt & README.txt files as step 34 in step 35
2 files changed, 6 insertions(+), 1 deletion(-)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git checkout master
Switched to branch 'master'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git merge html-assignments
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master|MERGING)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master|MERGING)
$ git commit -m 'Readme File Conflict Resolved'
[master ba5d33d] Readme File Conflict Resolved

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git merge --continue
fatal: There is no merge in progress (MERGE_HEAD missing).

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ ls
README.txt  index.html  info.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 76e9001).

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$
```


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.
5. Make minor changes into README.txt file on line 1 belonging to 'css-assignments' branch.
6. Commit those changed files.
7. Switch to master branch.
8. Make minor changes into README.txt file on line 3 & commit those changes into master.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git add *.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git commit -m 'changes done in info.txt & README.txt files as step 34 in step 35'
[html-assignments 76e9001] changes done in info.txt & README.txt files as step 34 in step 35
2 files changed, 6 insertions(+), 1 deletion(-)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (html-assignments)
$ git checkout master
Switched to branch 'master'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git merge html-assignments
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master|MERGING)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master|MERGING)
$ git commit -m 'Readme File Conflict Resolved'
[master ba5d33d] Readme File Conflict Resolved

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git merge --continue
fatal: There is no merge in progress (MERGE_HEAD missing).

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ ls
README.txt  index.html  info.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 76e9001).

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (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.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (css-assignments)
$ git add *.css

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (css-assignments)
$ git commit -m 'Changes made in style.css File in branch css-assignments step 11 section 2'
[css-assignments 9c6e1ac] Changes made in style.css File in branch css-assignments step 11 section 2
1 file changed, 1 insertion(+)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git merge css-assignments
Auto-merging README.txt
hint: Waiting for your editor to close the file... 'D:\VS_CODE\Workspace' is not recognized as an internal or external command,
operable program or batch file.
error: There was a problem with the editor '"D:\VS_CODE\Workspace VS Code\Microsoft VS Code\bin\code.cmd" --wait'.
Not committing merge; use 'git commit' to complete the merge.

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master|MERGING)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master|MERGING)
$ git commit -m 'Conflict Resolved'
[master e590bec] Conflict Resolved

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git merge css-assignments
Already up to date.

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git branch -d css-assignments
Deleted branch css-assignments (was 9c6e1ac).

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ |
```

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.
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.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments
$ git branch js-assignments

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (js-assignments)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (js-assignments)
$ git commit -m 'Added & Committed all files in js-assignment branch step 4'
[js-assignments 4ccf660] Added & Committed all files in js-assignment branch step 4
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.js

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (js-assignments)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (js-assignments)
$ git commit -m 'Changes made in README.txt files line 1 in js-assignment branch step 5 & 6'
[js-assignments 23e8aea] Changes made in README.txt files line 1 in js-assignment branch step 5 & 6
1 file changed, 1 insertion(+), 1 deletion(-)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git add *.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git commit -m 'Changes made in README.txt files line 1 in master branch step 8'
[master 8f3ee62] Changes made in README.txt files line 1 in master branch step 8
1 file changed, 1 insertion(+), 1 deletion(-)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'
```

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.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git add *.txt

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git commit -m 'Changes made in README.txt files line 1 in master branch step 8'
[master 8f3ee62] Changes made in README.txt files line 1 in master branch step 8
1 file changed, 1 insertion(+), 1 deletion(-)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (js-assignments)
$ git add *.js

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (js-assignments)
$ git commit -m 'Changes made in index.js file in js-assignment branch step 10 & 11'
[js-assignments 7a3387a] Changes made in index.js file in js-assignment branch step 10 & 11
1 file changed, 1 insertion(+)

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (js-assignments)
$ git checkout master
Switched to branch 'master'

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (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.

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master|MERGING)
$ git add .

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master|MERGING)
$ git commit -m 'Conflict Resolved'
[master 3e4f18b] Conflict Resolved

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git merge js-assignments
Already up to date.

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git merge js-assignments
Already up to date.

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ ls
README.txt index.html index.js info.txt style.css

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ git branch -d js-assignments
Deleted branch js-assignments (was 7a3387a).

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/A
ssignments (master)
$ |
```

Git Remoting

SECTION-3 (Pushing assignments to remote repository) - Steps to follow:

1. Create a github account if you do not have already.
2. Login on into github account.
3. Create new public repository 'freshersbatch-oct16'.
4. Commit & push any sample file to this repository under 'Assignments' directory.

```
PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git remote add origin https://github.com/PiyuY/freshersbatch-oct16-.git

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$ git push origin master
Enumerating objects: 50, done.
Counting objects: 100% (50/50), done.
Delta compression using up to 8 threads
Compressing objects: 100% (45/45), done.
Writing objects: 100% (50/50), 5.41 KiB | 553.00 KiB/s, done.
Total 50 (delta 16), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (16/16), done.
To https://github.com/PiyuY/freshersbatch-oct16-.git
 * [new branch]      master -> master

PriyankaY Workspace@DESKTOP-BMV6VBD MINGW64 /f/Capegemini/WORK START/Learning Material/Git Assignment/Assignments (master)
$
```