

Section 0:

1)

```
ACER@Shivani MINGW64 ~  
$ mkdir project_dir  
  
ACER@Shivani MINGW64 ~  
$ cd project_dir  
  
ACER@Shivani MINGW64 ~/project_dir  
$ |
```

- 2) `ACER@Shivani MINGW64 ~/project_dir`
`$ git init`
Initialized empty Git repository in C:/Users/ACER/project_dir/.git/
- 3) `ACER@Shivani MINGW64 ~/project_dir (master)`
`$ touch index.html`
- 4) `ACER@Shivani MINGW64 ~/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)
- 5) `ACER@Shivani MINGW64 ~/project_dir (master)`
`$ git add index.html`
- 6) `ACER@Shivani MINGW64 ~/project_dir (master)`
`$ git commit -m "comitted index.html"`
[master (root-commit) 58111d5] comitted index.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html
- 7) `ACER@Shivani MINGW64 ~/project_dir (master)`
`$ touch info.txt`
- 8) `ACER@Shivani MINGW64 ~/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")
- 9) `ACER@Shivani MINGW64 ~/project_dir (master)`
`$ touch .gitignore`
- 10) `ACER@Shivani MINGW64 ~/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: .gitignore

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")

- 11) ACER@Shivani MINGW64 ~/project_dir (master)
\$ git commit -m "comitting index.html"
[master (root-commit) cea5c2e] comitting index.html
1 file changed, 13 insertions(+)
create mode 100644 index.html
- 12) ACER@Shivani MINGW64 ~/project_dir (master)
\$ git log
commit cea5c2ebbd41b5d35ce8fc06fd4e062c4ec9518f (HEAD -> master)
Author: Shivani <shivani-sandeep.patil@capgemini.com>
Date: Thu Jul 29 18:49:36 2021 +0530

comitting index.html
- 13) ACER@Shivani MINGW64 ~/project_dir (master)
\$ git reset --hard
HEAD is now at cea5c2e comitting index.html
- 14) ACER@Shivani MINGW64 ~/project_dir (master)
\$ git add index.html
- 15) ACER@Shivani MINGW64 ~/project_dir (master)
\$ git reset --hard
HEAD is now at cea5c2e comitting index.html
- 16) ACER@Shivani MINGW64 ~/project_dir (master)
\$ git config --global alias.my-add add
- 17) ACER@Shivani MINGW64 ~/project_dir (master)
\$ git my-add index.html

\$ git commit -m "comitting index.html"
On branch master
Untracked files:
(use "git add <file>..." to include in what will be committed)
.gitignore

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

Section 1

- 18) ACER@Shivani MINGW64 ~
\$ mkdir Assignments

ACER@Shivani MINGW64 ~
\$ cd Assignments
- 19) ACER@Shivani MINGW64 ~/Assignments
\$ touch README.txt
- 20) ACER@Shivani MINGW64 ~/Assignments (master)
\$ git commit -m "adding README.txt file"
[master (root-commit) d68233e] adding README.txt file

- ```
1 file changed, 2 insertions(+)
create mode 100644 README.txt
```
- 21) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git branch html-assignments
- 22) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git checkout html-assignments  
Switched to branch 'html-assignments'
- 23) ACER@Shivani MINGW64 ~/Assignments (html-assignments)  
\$ git commit -m "added html1"  
[html-assignments 6c07ecd] added html1  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 html1.html
- 24) ACER@Shivani MINGW64 ~/Assignments (html-assignments)  
\$ git commit -m "Few changes done in html1.html"  
[html-assignments acc7cde] Few changes done in html1.html  
1 file changed, 9 insertions(+)
- 25) ACER@Shivani MINGW64 ~/Assignments (html-assignments)  
\$ git checkout master  
Switched to branch 'master'
- 26) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git commit -m "comitting README.txt file into master branch"  
[master 8679f1e] comitting README.txt file into master branch  
1 file changed, 2 insertions(+)
- 27) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git checkout html-assignments  
Switched to branch 'html-assignments'
- 28) ACER@Shivani MINGW64 ~/Assignments (html-assignments)  
\$ git commit -m "few changes to html1.html"  
[html-assignments 1726d84] few changes to html1.html  
1 file changed, 1 insertion(+), 1 deletion(-)
- 29) ACER@Shivani MINGW64 ~/Assignments (html-assignments)  
\$ git checkout master  
Switched to branch 'master'
- 30) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git merge html-assignments  
Merge made by the 'recursive' strategy.  
html1.html | 9 ++++++++  
1 file changed, 9 insertions(+)  
create mode 100644 html1.html
- 31) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git branch -d html-assignments  
Deleted branch html-assignments (was 1726d84).

## Section 2:

- 1) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git branch css-assignments

- 2) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git checkout css-assignments  
Switched to branch 'css-assignments'
- 3) Manual
- 4) ACER@Shivani MINGW64 ~/Assignments (css-assignments)  
\$ git commit -m "added css files"  
[css-assignments a85502a] added css files  
2 files changed, 25 insertions(+)  
create mode 100644 test1.css  
create mode 100644 test2.css
- 5) Manual
- 6) CER@Shivani MINGW64 ~/Assignments (css-assignments)  
\$ git commit -m "added README.txt changed file"  
[css-assignments 4d8a04a] added README.txt changed file  
1 file changed, 1 insertion(+)
- 7) ACER@Shivani MINGW64 ~/Assignments (css-assignments)  
\$ git checkout master  
Switched to branch 'master'
- 8) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git commit -m "comitting README.txt in master branch"  
[master 976f1cc] comitting README.txt in master branch  
1 file changed, 1 insertion(+), 1 deletion(-)
- 9) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git checkout css-assignments  
Switched to branch 'css-assignments'
- 10) Manual
- 11) ACER@Shivani MINGW64 ~/Assignments (css-assignments)  
\$ git commit -m "changes made to files in css-assignments"  
[css-assignments 9de2ccc] changes made to files in css-assignments  
3 files changed, 3 insertions(+), 3 deletions(-)
- 12) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git merge css-assignments  
Auto-merging README.txt  
Merge made by the 'recursive' strategy.  
README.txt | 1 +  
html1.html | 2 +-  
test1.css | 13 ++++++++  
test2.css | 12 ++++++++  
4 files changed, 27 insertions(+), 1 deletion(-)  
create mode 100644 test1.css  
create mode 100644 test2.css
- 13) ACER@Shivani MINGW64 ~/Assignments (master)  
\$ git branch -d css-assignments  
Deleted branch css-assignments (was 9de2ccc).

## Section 3

```
MINGW64/c/Users/ACER/Assignments

ACER@Shivani MINGW64 ~/Assignments (master)
$ git branch js-assignments

ACER@Shivani MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ touch js1.js

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ touch js2.js

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git add *.js

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git commit -m "added js1 and js2 files"
[js-assignments 621019d] added js1 and js2 files
2 files changed, 38 insertions(+)
create mode 100644 js1.js
create mode 100644 js2.js

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git add README.txt

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git commit -m "changes made to README.txt file"
[js-assignments 6bb6907] changes made to README.txt file
1 file changed, 1 insertion(+)
```

```
MINGW64/c/Users/ACER/Assignments

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git status
On branch js-assignments
nothing to commit, working tree clean

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

ACER@Shivani MINGW64 ~/Assignments (master)
$ git add README.txt

ACER@Shivani MINGW64 ~/Assignments (master)
$ git commit -m "chnges made to README.txt file in master branch"
[master aa271e3] chnges made to README.txt file in master branch
1 file changed, 1 insertion(+), 1 deletion(-)

ACER@Shivani MINGW64 ~/Assignments (master)
$ git status
On branch master
nothing to commit, working tree clean

ACER@Shivani MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git add .

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
```

```
MINGW64/c/Users/ACER/Assignments
Switched to branch 'js-assignments'

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git add .

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git commit -m "changes made to js1 and js2"
[js-assignments 3f55a4f] changes made to js1 and js2
2 files changed, 3 insertions(+), 3 deletions(-)

ACER@Shivani MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

ACER@Shivani MINGW64 ~/Assignments (master)
$ git merge js-assignments
Auto-merging README.txt
Merge made by the 'recursive' strategy.
 README.txt | 1 +
 js1.js | 22 +++++
 js2.js | 16 +++++
 3 files changed, 39 insertions(+)
 create mode 100644 js1.js
 create mode 100644 js2.js

ACER@Shivani MINGW64 ~/Assignments (master)
$ git branch -d js-assignments
Deleted branch js-assignments (was 3f55a4f).

ACER@Shivani MINGW64 ~/Assignments (master)
$ |
```

## Section 4

```
MINGW64/c/Users/ACER/Assignments

ACER@Shivani MINGW64 ~
$ cd Assignments

ACER@Shivani MINGW64 ~/Assignments (master)
$ git config --global user.name shivani22-18

ACER@Shivani MINGW64 ~/Assignments (master)
$ git config --global user.email shivanisandipatil@gmail.com

ACER@Shivani MINGW64 ~/Assignments (master)
$ git config --global --list
user.email=shivanisandipatil@gmail.com
user.name=shivani22-18
user.username=Shivani22-18
alias.my-add=add

ACER@Shivani MINGW64 ~/Assignments (master)
$ git remote add origin https://github.com/shivani22-18/freshersbatch-oct16.git
error: remote origin already exists.

ACER@Shivani MINGW64 ~/Assignments (master)
$ ^C

ACER@Shivani MINGW64 ~/Assignments (master)
$ git remote remove origin

ACER@Shivani MINGW64 ~/Assignments (master)
$ git remote add origin https://github.com/shivani22-18/freshersbatch-oct16.git

ACER@Shivani MINGW64 ~/Assignments (master)
$ git push origin master
Enumerating objects: 51, done.
Counting objects: 100% (51/51), done.
Delta compression using up to 4 threads
Compressing objects: 100% (46/46), done.
Writing objects: 100% (51/51), 5.54 KiB | 97.00 KiB/s, done.
Total 51 (delta 17), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (17/17), done.
To https://github.com/shivani22-18/freshersbatch-oct16.git
 * [new branch] master -> master
```

## Section 5











