

# Git and github assignment

1.

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git
$ mkdir project_dir

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git
$ cd project_dir

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir
$ touch index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir
$ git init
Initialized empty Git repository in C:/Users/Acer/Desktop/git/project_dir/.git/

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git add index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git commit -m 'adding blank index.html'
[master (root-commit) 1bd3ce7] adding blank index.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html
```

```
MINGW64/c/Users/Acer/Desktop/git/project_dir
drop| 81393a5 Upadating index to be reverted

# Rebase c5d4cf6..81393a5 onto c5d4cf6 (1 command)
#
# Commands:
# p, pick <commit> = use commit
# r, reword <commit> = use commit, but edit the commit message
# e, edit <commit> = use commit, but stop for amending
# s, squash <commit> = use commit, but meld into previous commit
# f, fixup <commit> = like "squash", but discard this commit's log message
# x, exec <command> = run command (the rest of the line) using shell
# b, break = stop here (continue rebase later with 'git rebase --continue')
# d, drop <commit> = remove commit
# l, label <label> = label current HEAD with a name
# t, reset <label> = reset HEAD to a label
# m, merge [-C <commit> | -c <commit>] <label> [# <oneline>]
# . create a merge commit using the original merge commit's
# . message (or the oneline, if no original merge commit was
# . specified). Use -c <commit> to reword the commit message.
#
# These lines can be re-ordered; they are executed from top to bottom.
#
# If you remove a line here THAT COMMIT WILL BE LOST.
#
# However, if you remove everything, the rebase will be aborted.
#
<sers/Acer/Desktop/git/project_dir/.git/rebase-merge/git-rebase-todo[+] [unix] (17:52 11/01/2021)1,5 All
-- INSERT --

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git log
commit 81393a5f1888985aca6edeed3655e2e27ba08b1c (HEAD -> master)
Author: Your Name <avihritwik4@gmail.com>
Date: Mon Jan 11 17:51:09 2021 +0530

    Upadating index to be reverted

commit c5d4cf6e1e7735ff357af14df4a47a8e713a4662
Author: Your Name <avihritwik4@gmail.com>
Date: Mon Jan 11 17:24:39 2021 +0530

    Upadting index with title

commit 1bd3ce7926dd7e71c6259298d0364a3f8e640de5
Author: Your Name <avihritwik4@gmail.com>
Date: Mon Jan 11 16:13:00 2021 +0530

    adding blank index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git rebase -i HEAD~1
Successfully rebased and updated refs/heads/master.
```

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ alias my-add="git add"

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ my-add index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   index.html

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

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git commit -m 'Upadating index to be reverted'
[master 7f35d95] Upadating index to be reverted
 1 file changed, 1 insertion(+)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ |
```



```
MINGW64:/c/Users/Acer/Desktop/git/project_dir
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git add index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   index.html

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

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git restore --staged index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git restore index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
```

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git status
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)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git restore index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git status
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)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ |
```

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git add index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git commit -m 'Upadting index with title'
[master c5d4cf6] Upadting index with title
 1 file changed, 8 insertions(+)

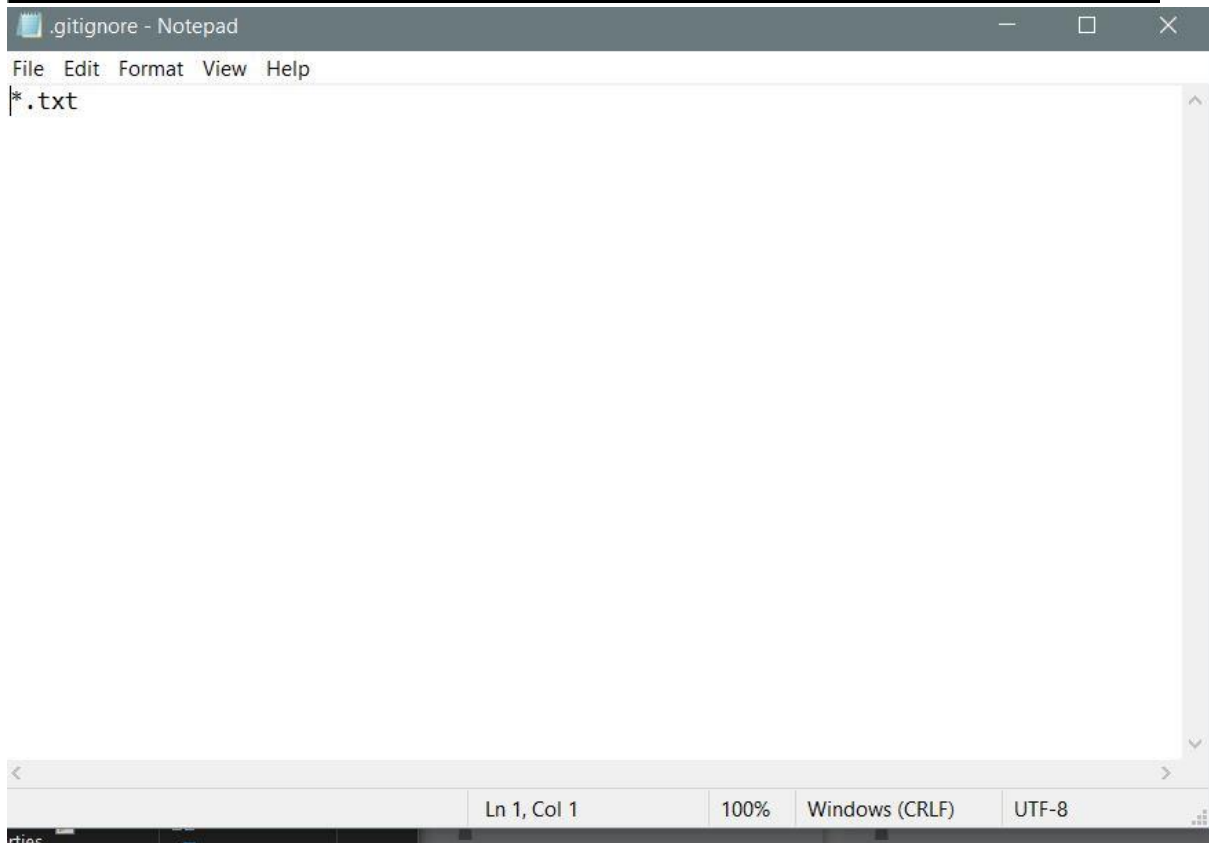
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git log
commit c5d4cf6e1e7735ff357af14df4a47a8e713a4662 (HEAD -> master)
Author: Your Name <avihritwik4@gmail.com>
Date:   Mon Jan 11 17:24:39 2021 +0530

    Upadting index with title

commit 1bd3ce7926dd7e71c6259298d0364a3f8e640de5
Author: Your Name <avihritwik4@gmail.com>
Date:   Mon Jan 11 16:13:00 2021 +0530

    adding blank index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ |
```



```
.gitignore - Notepad
File Edit Format View Help
*.txt

Ln 1, Col 1    100%    Windows (CRLF)    UTF-8
```

```

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ touch .gitignore

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git add .

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   .gitignore
        modified:   index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ |

```

```

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ git log
commit c5d4cf6e1e7735ff357af14df4a47a8e713a4662 (HEAD -> master)
Author: Your Name <avihritwik4@gmail.com>
Date:   Mon Jan 11 17:24:39 2021 +0530

    Upadting index with title

commit 1bd3ce7926dd7e71c6259298d0364a3f8e640de5
Author: Your Name <avihritwik4@gmail.com>
Date:   Mon Jan 11 16:13:00 2021 +0530

    adding blank index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/project_dir (master)
$ |

```



## 2. Git Branching

### 2.1 Section

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ vi README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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")

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git commit -a -m 'Upadting README info to show first edit'
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
[master 07c184f] Upadting README info to show first edit
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git branch html-assignments

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ git status
On branch html-assignments
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)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ git add index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ git commit -m 'Adding html file'
[html-assignments 6f530ec] Adding html file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ vi index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/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:   index.html

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

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ git commit -a -m 'Updating h1 of index'
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
[html-assignments 58d0f50] Updating h1 of index
1 file changed, 9 insertions(+)
```



```

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git
$ mkdir Assignments

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git
$ cd Assignments

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments
$ touch README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments
$ vi README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments
$ git status
fatal: not a git repository (or any of the parent directories): .git

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments
$ git init
Initialized empty Git repository in C:/Users/Acer/Desktop/git/Assignments/.git/

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git status
On branch master

No commits yet

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

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

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git add README.txt
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git commit -m 'Adding readme file'
[master (root-commit) f27c9b2] Adding readme file
1 file changed, 4 insertions(+)
create mode 100644 README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ |

```

```

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ vi index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ git commit -a -m 'Updating index to add second line'
[html-assignments c27a850] Updating index to add second line
1 file changed, 1 insertion(+)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git merge html-assignments
Merge made by the 'recursive' strategy.
index.html | 10 ++++++++
1 file changed, 10 insertions(+)
create mode 100644 index.html

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git branch --merged
html-assignments
* master

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was c27a850).

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ |

```

## 2.2.

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git branch css-assignments

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ git status
On branch css-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    style.css

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

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ git add style.css

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ git commit -m 'Adding css file to feature branch'
[css-assignments a38a85e] Adding css file to feature branch
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 style.css

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ vi README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ git commit -a -m 'Adding comment on first line'
[css-assignments d990f37] Adding comment on first line
1 file changed, 1 insertion(+), 1 deletion(-)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ |
```

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ vi README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git commit -a -m 'Added comment on 3rd line in readme in master'
[master 0b1839f] Added comment on 3rd line in readme in master
1 file changed, 1 insertion(+), 1 deletion(-)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git checkout html-assignments
error: pathspec 'html-assignments' did not match any file(s) known to git

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ vi style.css

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ git commit -a -m 'Updated first line of style'
warning: LF will be replaced by CRLF in style.css.
The file will have its original line endings in your working directory
[css-assignments 421d76e] Updated first line of style
1 file changed, 1 insertion(+)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git merge css-assignments
Auto-merging README.txt
Merge made by the 'recursive' strategy.
 README.txt | 2 +-
 style.css  | 1 +
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 style.css

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git branch --merged
css-assignments
* master

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git branch -d css-assignments
Deleted branch css-assignments (was 421d76e).

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ |
```



## 2.3.

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   script.js

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

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

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git checkout js-assignment
Switched to branch 'js-assignment'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ vi script.js

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ commit -a -m 'Updating first line'
bash: commit: command not found

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ git commit -a -m 'Updating first line'
warning: LF will be replaced by CRLF in script.js.
The file will have its original line endings in your working directory
[js-assignment d2cf387] Updating first line
1 file changed, 2 insertions(+)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ git checkout master
Switched to branch 'master'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git merge js-assignment
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   script.js

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

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master|MERGING)
$ vi script

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master|MERGING)
$ vi README.txt
```

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git branch js-assignment

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git checkout js-assignment
Switched to branch 'js-assignment'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ git status
On branch js-assignment
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    script.js

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

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ git add script.js

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ git commit -m 'Adding js file'
[js-assignment 34255c0] Adding js file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 script.js

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ vi README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ commit -a -m 'Updating Read me after editing line one'
bash: commit: command not found

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ git commit -a -m 'Updating Read me after editing line one'
[js-assignment 4ecbba4] Updating Read me after editing line one
1 file changed, 1 insertion(+), 1 deletion(-)

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (js-assignment)
$ git checkout master
Switched to branch 'master'

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ vi README.txt

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git commit -a -m 'Updating Readme line one master branch'
[master f4aa227] Updating Readme line one master branch
1 file changed, 1 insertion(+), 1 deletion(-)
```



```

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master|MERGING)
$ git add .

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master|MERGING)
$ git commit -m 'final commit'
[master d393962] final commit

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git status
On branch master
nothing to commit, working tree clean

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git log --oneline
d393962 (HEAD -> master) final commit
d2cf387 (js-assignment) Updating first line
f4aa227 Updating Readme line one master branch
4ecbba4 Updating Read me after editing line one
34255c0 Adding js file
2edaa14 Merge branch 'css-assignments'
421d76e Updated first line of style
0b1839f Added comment on 3rd line in readme in master
d990f37 Adding comment on first line
a38a85e Adding css file to feature branch
31ce16d Merge branch 'html-assignments'
c27a850 Updating index to add second line
07c184f Upadting README info to show first edit
58d0f50 Updating h1 of index
6f530ec Adding html file
f27cfb2 Adding readme file

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git log --all --decorate --oneline --graph
*   d393962 (HEAD -> master) final commit
|
| * d2cf387 (js-assignment) Updating first line
| * 4ecbba4 Updating Read me after editing line one
| * 34255c0 Adding js file
* | f4aa227 Updating Readme line one master branch
|/
*   2edaa14 Merge branch 'css-assignments'
|
| * 421d76e Updated first line of style
| * d990f37 Adding comment on first line
| * a38a85e Adding css file to feature branch
* | 0b1839f Added comment on 3rd line in readme in master
|/
*   31ce16d Merge branch 'html-assignments'
|
| * c27a850 Updating index to add second line
| * 58d0f50 Updating h1 of index
| * 6f530ec Adding html file
* | 07c184f Upadting README info to show first edit
|/
* f27cfb2 Adding readme file

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)

```



### 3. Git Remoting

#### 3.1 Section 1

```
Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git remote add origin https://github.com/AviHritwik/freshersbatch-oct16.git
error: remote origin already exists.

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ git push --set-upstream origin master
Enumerating objects: 44, done.
Counting objects: 100% (44/44), done.
Delta compression using up to 8 threads
Compressing objects: 100% (39/39), done.
Writing objects: 100% (44/44), 4.29 KiB | 292.00 KiB/s, done.
Total 44 (delta 14), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (14/14), done.
To https://github.com/AviHritwik/freshersbatch-oct16.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

Acer@DESKTOP-9JDA0E7 MINGW64 ~/Desktop/git/Assignments (master)
$ .....
```