

GIT AND GITUB ASSIGNMENT

Section 0: Use GIT as local VCS

```
MINGW64/c/Users/new/stella/project-dir
new@LAPTOP-SV9FN38M MINGW64 ~/stella (master)
$ mkdir project-dir
new@LAPTOP-SV9FN38M MINGW64 ~/stella (master)
$ cd project-dir
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git init
Initialized empty Git repository in C:/Users/new/stella/project-dir/.git/
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git init --version
error: unknown option 'version'
usage: git init [-q] [--quiet] [--bare] [--template=<template-directory>] [--shared[=<permissions>]] [<directory>]
    --template <template-directory>    directory from which templates will be used
    --bare                             create a bare repository
    --shared[=<permissions>]            specify that the git repository is to be shared amongs
t several users
    -q, --quiet                        be quiet
    --separate-git-dir <gitdir>        separate git dir from working tree
    -b, --initial-branch <name>        override the name of the initial branch
    --object-format <hash>             specify the hash algorithm to use

new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git --version
git version 2.31.1.windows.1
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ nano index.html
new@LAPTOP-SV9FN38M MINGW64 ~/stella/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)
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git add index.html
```

```
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)
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git add index.html
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git commit
hint: waiting for your editor to close the file... unix2dos: converting file C:/
Users/new/stella/project-dir/.git/COMMIT_EDITMSG to DOS format...
dos2unix: converting file C:/Users/new/stella/project-dir/.git/COMMIT_EDITMSG to
Unix format...
Aborting commit due to empty commit message.
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git commit -m "modified"
[master (root-commit) 6d2225f] modified
1 file changed, 1 insertion(+)
create mode 100644 index.html
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ nano index.html
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ nano info.txt
new@LAPTOP-SV9FN38M MINGW64 ~/stella/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")
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ echo info.txt > .gitignore
bash: echo.info.txt: command not found
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ echo info.txt >> .gitignore
new@LAPTOP-SV9FN38M MINGW64 ~/stella/project-dir (master)
$ git status
On branch master
```

```
MINGW64/c/Users/new/stella/project-dir
new@LAPTOP-SV9FN38X MINGW64 ~/stella/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")
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git add index.html
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git commit -m "modified"
[master fd71b3f] modified
1 file changed, 1 insertion(+)
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git log
commit fd71b3fbd05b93071b31c40f39f0282337570fcf (HEAD -> master)
Author: ABC <maddal1stella@gmail.com>
Date:   Sun Nov 7 17:08:49 2021 +0530
    modified
commit 6d2225fd7384064a8fb694ca29289199fd4336ef
Author: ABC <maddal1stella@gmail.com>
Date:   Sun Nov 7 16:16:55 2021 +0530
    modified
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ nano index.html
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git revert fd71b3fbd05b93071b31c40f39f0282337570fcf
error: Your local changes to the following files would be overwritten by merge:
        index.html
Please commit your changes or stash them before you merge.
Aborting
fatal: revert failed
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git revert 6d2225fd7384064a8fb694ca29289199fd4336ef
error: Your local changes to the following files would be overwritten by merge:
        index.html
Please commit your changes or stash them before you merge.
Aborting
fatal: revert failed
```

```
commit 6d2225fd7384064a8fb694ca29289199fd4336ef
Author: ABC <maddal1stella@gmail.com>
Date:   Sun Nov 7 16:16:55 2021 +0530
    modified
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ nano index.html
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git revert fd71b3fbd05b93071b31c40f39f0282337570fcf
error: Your local changes to the following files would be overwritten by merge:
        index.html
Please commit your changes or stash them before you merge.
Aborting
fatal: revert failed
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git revert 6d2225fd7384064a8fb694ca29289199fd4336ef
error: Your local changes to the following files would be overwritten by merge:
        index.html
Please commit your changes or stash them before you merge.
Aborting
fatal: revert failed
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git log --oneline
fd71b3f (HEAD -> master) modified
6d2225f modified
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ nano index.html
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git add index.html
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git log --oneline
fd71b3f (HEAD -> master) modified
6d2225f modified
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git mv add my-add
fatal: bad source, source=add, destination=my-add
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ nano add
new@LAPTOP-SV9FN38X MINGW64 ~/stella/project-dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   add
```

```
MINGW64/c/Users/new/stella/project-dir
6d2225f modified

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git mv add my-add
fatal: bad source, source=add, destination=my-add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ nano add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/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
        add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git add add
warning: LF will be replaced by CRLF in add.
The file will have its original line endings in your working directory

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git add add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   add
        modified:   index.html

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

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git commit -m "new file"
[master 13f0db5] new file
 2 files changed, 3 insertions(+)
 create mode 100644 add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git mv add my-add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:   add -> my-add
```

```
WARNING: LF will be replaced by CRLF in add.
The file will have its original line endings in your working directory

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git add add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   add
        modified:   index.html

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

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git commit -m "new file"
[master 13f0db5] new file
 2 files changed, 3 insertions(+)
 create mode 100644 add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git mv add my-add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:   add -> my-add

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

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git add my-add

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git commit -m "commit changes"
[master 6e9add1] commit changes
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename add => my-add (100%)

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$ git log --oneline
6e9add1 (HEAD -> master) commit changes
13f0db5 new file
fd71b3f modified
6d2225f modified

new@LAPTOP-SV9FN3BK MINGW64 ~/stella/project-dir (master)
$
```

GIT Branching

Section 1: HTML Assignments

```
MINGW64/c/Users/new/assignments2
new@LAPTOP-SV9FN3RM MINGW64 ~ (html-assignments1)
$ git clone https://github.com/mstella123/assign2.git
Cloning into 'assign2'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

new@LAPTOP-SV9FN3RM MINGW64 ~ (html-assignments1)
$ mkdir assignments2

new@LAPTOP-SV9FN3RM MINGW64 ~ (html-assignments1)
$ cd assignments2

new@LAPTOP-SV9FN3RM MINGW64 ~/assignments2 (html-assignments1)
$ git init
Initialized empty Git repository in C:/Users/new/assignments2/.git/

new@LAPTOP-SV9FN3RM MINGW64 ~/assignments2 (master)
$ nano README.txt

new@LAPTOP-SV9FN3RM MINGW64 ~/assignments2 (master)
$ git commit
On branch master

Initial commit

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)

new@LAPTOP-SV9FN3RM MINGW64 ~/assignments2 (master)
$ git checkout -b html-assignments
Switched to a new branch 'html-assignments'

new@LAPTOP-SV9FN3RM MINGW64 ~/assignments2 (html-assignments)
$ git checkout master --assignments2/html-assignments
error: unknown option: --assignments2/html-assignments
usage: git checkout [<options>] <branch>
or: git checkout [<options>] [<branch>] -- <file>...

    -b <branch>          create and checkout a new branch
    -B <branch>          create/reset and checkout a branch
    -l                   create relog for new branch
    --guess              second guess 'git checkout -no-such-branch' (default)
    --overlay            use overlay mode (default)
    -q, --quiet          suppress progress reporting
    --recurse-submodules[=<checkouts>] control recursive updating of submodules
    --progress           force progress reporting
    -m, --merge          perform a 3-way merge with the new branch
    --conflict <style>   conflict style (merge or diff3)
    -d, --detach          detach HEAD at named commit
    -t, --track           set upstream info for new branch
    -f, --force           force checkout (throw away local modifications)
```

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN3RM MINGW64 ~ (html-assignments1)
$ git clone https://github.com/mstella123/assign3.git
Cloning into 'assign3'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

new@LAPTOP-SV9FN3RM MINGW64 ~ (html-assignments1)
$ mkdir Assignments3

new@LAPTOP-SV9FN3RM MINGW64 ~ (html-assignments1)
$ cd Assignments3

new@LAPTOP-SV9FN3RM MINGW64 ~/Assignments3 (html-assignments1)
$ git init
Initialized empty Git repository in C:/Users/new/Assignments3/.git/

new@LAPTOP-SV9FN3RM MINGW64 ~/Assignments3 (master)
$ nano README.txt

new@LAPTOP-SV9FN3RM MINGW64 ~/Assignments3 (master)
$ git commit -m "first commit"
On branch master

Initial commit

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)

new@LAPTOP-SV9FN3RM MINGW64 ~/Assignments3 (master)
$ git branch html-assignments
fatal: Not a valid object name: 'master'.

new@LAPTOP-SV9FN3RM MINGW64 ~/Assignments3 (master)
$ git checkout html-assignments
error: pathspec 'html-assignments' did not match any file(s) known to git

new@LAPTOP-SV9FN3RM MINGW64 ~/Assignments3 (master)
$ git checkout -b html-assignments
Switched to a new branch 'html-assignments'

new@LAPTOP-SV9FN3RM MINGW64 ~/Assignments3 (html-assignments)
$ git status
On branch html-assignments

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)
```

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git commit -m "third commit"
[html-assignments (root-commit) eb709d7] third commit
1 file changed, 2 insertions(+)
create mode 100644 README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git checkout -b master
Switched to a new branch 'master'

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ nano README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git commit -m "commit changes"
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")

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git checkout -b html-assignments
fatal: A branch named 'html-assignments' already exists.

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git switch html-assignments
Switched to branch 'html-assignments'
M   README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git commit -m "modified"
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:   README.txt

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

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git switch master
Switched to branch 'master'
M   README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git merge html-assignments
Already up to date.

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was eb709d7).

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$
```

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN38M MINGW64 ~ (html-assignments1)
$ git clone https://github.com/mstella123/assign3.git
Cloning into 'assign3'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

new@LAPTOP-SV9FN38M MINGW64 ~ (html-assignments1)
$ mkdir Assignments3

new@LAPTOP-SV9FN38M MINGW64 ~ (html-assignments1)
$ cd Assignments3

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments1)
$ git init
Initialized empty Git repository in c:/Users/new/Assignments3/.git/

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ nano README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git commit -m "first commit"
On branch master

Initial commit

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)

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git branch html-assignments
fatal: Not a valid object name: 'master'.

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git checkout html-assignments
error: pathspec 'html-assignments' did not match any file(s) known to git

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git checkout -b html-assignments
Switched to a new branch 'html-assignments'

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git status
On branch html-assignments

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)
```

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git checkout -b css-assignments
Switched to a new branch 'css-assignments'

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ > index.txt
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ > index1.txt
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ cp index.txt index1.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ git commit -m "first commit"
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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.txt
        index1.txt

no changes added to commit (use "git add" and/or "git commit -a")
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ nano README.txt
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ git commit -m "modified"
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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.txt
        index1.txt

no changes added to commit (use "git add" and/or "git commit -a")
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ git add .
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ git add .
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (css-assignments)
$ git status
On branch css-assignments
```

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git commit -m "third commit"
[html-assignments (root-commit) eb709d7] third commit
 1 file changed, 2 insertions(+)
 create mode 100644 README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git checkout -b master
Switched to a new branch 'master'

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ nano README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git commit -m "commit changes"
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")
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git checkout -b html-assignments
fatal: A branch named 'html-assignments' already exists.

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git switch html-assignments
Switched to branch 'html-assignments'
M   README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git commit -m "modified"
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:   README.txt

no changes added to commit (use "git add" and/or "git commit -a")
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (html-assignments)
$ git switch master
Switched to branch 'master'
M   README.txt

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git merge html-assignments
Already up to date.

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was eb709d7).

new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$
```


Section2:CSS Assignment

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master)
$ git checkout -b css-assignments
Switched to a new branch 'css-assignments'

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ > index.txt

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ > index1.txt

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ cp index.txt index1.txt

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ git commit -m "first commit"
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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.txt
        index1.txt

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

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ nano README.txt

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ git commit -m "modified"
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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.txt
        index1.txt

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

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ git add .
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ git add .

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ git status
On branch css-assignments
```

```
MINGW64/c/Users/new/Assignments3
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index1.txt.
The file will have its original line endings in your working directory
(css-assignments 81fa41a) commit changes
2 files changed, 2 insertions(+)

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ git commit -a -m "commit"
On branch css-assignments
nothing to commit, working tree clean

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (css-assignments)
$ git switch master
Switched to branch 'master'

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master)
$ git merge css-assignments
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master|MERGING)
$ git merge css-assignments
error: Merging is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master|MERGING)
$ git add README.txt

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master|MERGING)
$ git merge css-assignments
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master|MERGING)
$ git commit -m "commit"
[master 990e063] commit

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master)
$ git merge css-assignments
Already up to date.

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 (master)
$ git checkout -d css-assignments
HEAD is now at 81fa41a commit changes

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 ((81fa41a...))
$ git checkout -d css-assignments
HEAD is now at 81fa41a commit changes

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 ((81fa41a...))
$ git branch -d css-assignments
Deleted branch css-assignments (was 81fa41a).

new@LAPTOP-SV9FN38H MINGW64 ~/Assignments3 ((81fa41a...))
$
```

Section3:JavaScript Assignments

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 ((81fa41a...))
$ git branch js-assignments
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 ((81fa41a...))
$ git checkout -b js-assignments
fatal: A branch named 'js-assignments' already exists.
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 ((81fa41a...))
$ git switch js-assignments
Switched to branch 'js-assignments'
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git init
Reinitialized existing Git repository in C:/Users/new/Assignments3/.git/
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ nano index.js
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ nano index2.js
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ cp index.js index2.js
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git commit -m "first commit"
On branch js-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        index.js
        index2.js

nothing added to commit but untracked files present (use "git add" to track)
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git add index.js
warning: LF will be replaced by CRLF in index.js.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git add index.js
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git add index2.js
warning: LF will be replaced by CRLF in index2.js.
The file will have its original line endings in your working directory
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git add index2.js
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git status
On branch js-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   index.js
        new file:   index2.js
```

```
MINGW64/c/Users/new/Assignments3
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git commit -m "modified"
[js-assignments 09e383a] modified
2 files changed, 2 insertions(+)
create mode 100644 index.js
create mode 100644 index2.js
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ nano README.txt
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git add README.txt
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git commit -m "commit readme changes"
[js-assignments 0f8ed88] commit readme changes
1 file changed, 1 insertion(+)
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git switch master
Switched to branch 'master'
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ nano README.txt
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git add README.txt
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git commit -m "commit changes"
(master 38f3ae9) commit changes
1 file changed, 1 insertion(+)
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (master)
$ git switch js-assignments
Switched to branch 'js-assignments'
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ ls
README.txt  index.js  index.txt  index1.txt  index2.js
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git commit -m "again commit"
On branch js-assignments
nothing to commit, working tree clean
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (js-assignments)
$ git switch master
Switched to branch 'master'
new@LAPTOP-SV9FN38M MINGW64 ~/Assignments3 (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.
```



```
MINGW64/c/Users/new/Assignments3
On branch js-assignments
nothing to commit, working tree clean

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (js-assignments)
$ git switch master
Switched to branch 'master'

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (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.

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (master|MERGING)
$ git add README.txt

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (master|MERGING)
$ git commit -m "commit"
(master 0e2a6f6) commit

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (master)
$ git merge js-assignments
Already up to date.

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (master)
$ git show
commit 0e2a6f631633a3dffd6c6b8fb12b8b7c83b73d88 (HEAD -> master)
Merge: 38f3aee 0f8ed88
Author: ABC <madalister1a@gmail.com>
Date:   Mon Nov 8 10:42:50 2021 +0530

    commit

diff --cc README.txt
index 3baeb44,22b0016..0c3f66c
--- a/README.txt
+++ b/README.txt
@@@ -1,9 -1,5 +1,13 @@@
 welcome
 good
 ++++++ HEAD
+great learning
+
+learning purpose
+great
+
+----- HEAD
+>>>>>> CSS-assignments
+great
+
+-----
+ welcome to our js assignments
+>>>>>> js-assignments

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (master)
$ git branch -d js-assignments
Deleted branch js-assignments (was 0f8ed88).

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments3 (master)
$
```

GIT Remoting

Section 3:

```
MINGW64/c/Users/new/Assignments
new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$ git init
Initialized empty Git repository in C:/Users/new/assignments/.git/

new@LAPTOP-SV9FN38W MINGW64 ~/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)

new@LAPTOP-SV9FN38W MINGW64 ~/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

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$ git add README.txt

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$ git commit -m "commit"
[master (root-commit) 08dfed6] commit
1 file changed, 1 insertion(+)
create mode 100644 README.txt

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$ git push origin master
fatal: 'origin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'origin'

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$ git remote add origin https://github.com/mstella123/fresher.git

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 219 bytes | 109.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/mstella123/fresher.git
 * [new branch] master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

new@LAPTOP-SV9FN38W MINGW64 ~/Assignments (master)
$
```