SECTION-1 (HTML assignments)

Steps to follow:

21. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files.
22. Create an empty directory 'Assignments & cd to 'Assignments'.
23. Create a file RDME.txt inside 'Assignments' & write few lines about the contents of 'Assignments' folder..
24. Commit README.txt file.
25. Now create a new branch 'html-assignments'.
26. Switch to 'html-assignments' branch.
27. Copy all HTML assignments inside 'Assignments folder.
28. Commit HTML assignments into 'html-assignments branch
29. Make minor changes into few files belonging to 'html-assignments' branch.
30. Commit those changed files.
31. Switch to master branch.
32. Make minor changes into README.txt file & commit those changes into master.
33. Again switch to 'html-assignments' branch.
34. Make minor changes into few files belonging to 'html-assignments branch.
35. Commit those changes.
36. Switch to master.
37. Merge 'html-assignments' branch into master. Confirm all html assignments are shown
in master.
38. Finally delete the 'html-assignments branch.

21. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files.

22. Create an empty directory 'Assignments & cd to 'Assignments'.

23. Create a file RDME.txt inside 'Assignments' & write few lines about the contents of 'Assignments' folder..

```
arul@LAPTOP-5PHUIBFM MINGW64 ~ (master)
$ mkdir assignments

arul@LAPTOP-5PHUIBFM MINGW64 ~ (master)
$ cd assignments

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git init
Initialized empty Git repository in C:/Users/arul/assignments/.git/

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ touch README.txt
```

24. Commit README.txt file.

Note: html files are created here and staged

```
arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ touch hello.html

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ touch info.html

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git add .

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git status
On branch master

No commits yet

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


arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git commit -m "Initial commit"
[master (root-commit) 779a3da] Initial commit
 4 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.txt
 create mode 100644 hello.html
 create mode 100644 hello.txt
 create mode 100644 info.html

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git status
On branch master
nothing to commit, working tree clean
```

25. Now create a new branch 'html-assignments'.

```
arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git branch html-assignments

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
```

26. Switch to 'html-assignments' branch.
27. Copy all HTML assignments inside 'Assignments folder.

```
arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git branch
* html-assignments
  master

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git add *.html

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean
```

28. Commit HTML assignments into 'html-assignments branch

```
arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git commit -m "Copied all html files to html-assignment"
On branch html-assignments
nothing to commit, working tree clean

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean
```

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

30. Commit those changed files.

31. Switch to master branch.

32. Make minor changes into README.txt file & commit those changes into master.

```
arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git add *.html

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git commit -m "made changes to copied html files"
[html-assignments 78519c1] made changes to copied html files
 2 files changed, 10 insertions(+)

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git log
commit 78519c115ae00885094d953f39503471ed89c76d (HEAD -> html-assignments)
Author: Arul Prasad <arulprasadrr99@gmail.com>
Date:   Sat Jan 15 20:15:46 2022 +0530

    made changes to copied html files

commit 779a3da52054b2dab4438447bcb08c1d40997abc (master)
Author: Arul Prasad <arulprasadrr99@gmail.com>
Date:   Sat Jan 15 19:45:49 2022 +0530

    Initial commit

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git add .

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git commit -m "committing files back to master"
```

33. Again switch to 'html-assignments' branch.

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

35. Commit those changes.

36. Switch to master.

37. Merge 'html-assignments' branch into master. Confirm all html assignments are shown in master.

38. Finally delete the 'html-assignments branch.

```
arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git commit -m "Again committing files from master branch"
On branch html-assignments
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   hello.html
        modified:   info.html

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

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git add *.html

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git commit -m "Again committing files from master branch"
[html-assignments 78d296f] Again committing files from master branch
 2 files changed, 2 insertions(+)

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git merge html-assignments
Merge made by the 'ort' strategy.
 hello.html | 6 ++++++
 info.html  | 6 ++++++
 2 files changed, 12 insertions(+)

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 78d296f).

arul@LAPTOP-5PHUIBFM MINGW64 ~/assignments (master)
$ git status
On branch master
nothing to commit, working tree clean
```

Now branch 'html-assignments' is deleted and branch 'assignments' alone exits.