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’.

Dell@DESKTOP-6UE92PJ MINGW64 ~

$ mkdir Assignments

Dell@DESKTOP-6UE92PJ MINGW64 ~

$ cd Assignments

1. Create a file README.txt inside ‘Assignments’ & write few lines about the contents of ‘Assignments’ folder.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ touch README.txt

Dell@DESKTOP-6UE92PJ MINGW64 ~/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

1. Commit README.txt file.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git add README.txt

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git commit -m "created readme"

[master (root-commit) 3b58fc3] created readme

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 README.txt

25.Now create a new branch ‘html-assignments’.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git branch html.assignments

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git branch

html.assignments

\* master

26.Switch to ‘html-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git checkout html.assignments

Switched to branch 'html.assignments'

M README.txt

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git log

commit 3b58fc3f47f6350dd04c6cdd7c7b004eb04324b9 (HEAD -> html.assignments, master)

Author: priyanka109905 <priyankaborase22@gmail.com>

Date: Tue Oct 26 14:43:40 2021 +0530

created readme

1. Copy all HTML assignments inside ‘Assignments’ folder.

28.Commit HTML assignments into ‘html-assignments’ branch

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git commit -m "commited succesfully"

[html.assignments aaf214a] commited succesfully

5 files changed, 4 insertions(+)

create mode 100644 .README.txt.swn

create mode 100644 .README.txt.swo

create mode 100644 .README.txt.swp

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

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git status

On branch html.assignments

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: .html.assignments.swp

30.Commit those changed files.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git commit --m "changes made"

[html.assignments 6ce7a25] changes made

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 .html.assignments.swp

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git status

On branch html.assignments

nothing to commit, working tree clean

1. Switch to master branch

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git checkout master

Switched to branch 'master'

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git log

commit 3b58fc3f47f6350dd04c6cdd7c7b004eb04324b9 (HEAD -> master)

Author: priyanka109905 <priyankaborase22@gmail.com>

Date: Tue Oct 26 14:43:40 2021 +0530

created readme

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

Dell@DESKTOP-6UE92PJ MINGW64 ~/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")

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git commit -m "changes for master"

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")

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git log

commit 3b58fc3f47f6350dd04c6cdd7c7b004eb04324b9 (HEAD -> master)

Author: priyanka109905 <priyankaborase22@gmail.com>

Date: Tue Oct 26 14:43:40 2021 +0530

created readme

1. Again switch to ‘html-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git branch -a

html.assignments

\* master

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

$ git checkout html.assignments

Switched to branch 'html.assignments'

33.Make minor changes into few files belonging to ‘html-assignments’ branch.

$ 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: .html.assignments.swp

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

34.Commit those changes.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git commit -m "Changess"

[html.assignments 575dbdb] Changess

1 file changed, 0 insertions(+), 0 deletions(-)

35.Switch to master.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git branch -a

\* html.assignments

master

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (html.assignments)

$ git checkout master

Switched to branch 'master'

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master)

36.Merge ‘html-assignments’ branch into master. Confirm all html assignments are shown in master.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (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.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master|MERGING)

$ git log

commit c9eaa984c70aef91a1cba102aacfb217a1b9426b (HEAD -> master)

Author: priyanka109905 <priyankaborase22@gmail.com>

Date: Tue Oct 26 15:28:25 2021 +0530

switch to html.assign

commit 3b58fc3f47f6350dd04c6cdd7c7b004eb04324b9

Author: priyanka109905 <priyankaborase22@gmail.com>

Date: Tue Oct 26 14:43:40 2021 +0530

created readme

1. Finally delete the ‘html-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master|MERGING)

$ git branch -D html.assignments

Deleted branch html.assignments (was 575dbdb).

Dell@DESKTOP-6UE92PJ MINGW64 ~/ASSIGNMENTS (master|MERGING)

$ git branch

\* master

SECTION-2 - (CSS assignments) Steps to follow:

1. Create a new branch ‘css-assignments’.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git branch css-assignments

1. Switch to ‘css-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master

$ git checkout css-assignments

Switched to branch 'css-assignments'

info.html

1. Copy all CSS3.assignments inside ‘Assignments’ folder.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git add .

1. Commit CSS assignments into ‘css-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git commit -m "inittial css commit"

[css-assignments 5e7ffb2] inittial css commit

2 files changed, 7 insertions(+), 1 deletion(-)

create mode 100644 a.css

1. make minor changes into README.txt file on line 1 belonging to ‘css-assignments’ branch.
2. Commit those changed files.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git commit -m "change in readme txt file"

[css-assignments 9ad1781] change in readme txt file

1 file changed, 2 insertions(+), 2 deletions(-)

1. Switch to master branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git checkout master

Switched to branch 'master'

1. Make minor changes into README.txt file on line 3 & commit those changes into master.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git add .

1. Again switch to ‘css-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git commit -m "change in readme file in master"

[master 070d854] change in readme file in master

1 file changed, 2 insertions(+), 1 deletion(-)

10Make minor changes into few files belonging to ‘css-assignments’ branch.

11.Commit those changes.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git commit -m "minor css commit"

[css-assignments 935a8cd] minor css commit

1 file changed, 4 insertions(+)

12.Switch to master.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (css-assignments)

$ git checkout master

Switched to branch 'master'

1. .Merge ‘css-assignments’ branch into master. Confirm all css assignments are shown in master.

13.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master|MERGING)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master|MERGING)

$ git commit -m "commit manually resolve merge"

[master 15f0192] commit manually resolve merge

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git status

On branch master

nothing to commit, working tree clean

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git merge css-assignments

Already up to date.

14.Finally delete the ‘css-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

git branch -D css-assignments

Deleted branch css-assignments (was 935a8cd).

SECTION-3 - (JavaScript assignments) Steps to follow:

1. Create a new branch ‘js-assignments’.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git branch js-assignments

1. Switch to ‘js-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

M info.html

1. Copy all JavaScript assignments inside ‘Assignments’ folder.
2. Commit JavaScript assignments into ‘js-assignments’ branch

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git commit -m "initial commit in branch"

[js-assignments 231a4dd] initial commit in branch

2 files changed, 3 insertions(+), 2 deletions(-)

create mode 100644 jsFile.txt

1. Make minor changes into README.txt file on line 1 belonging to ‘js-assignments’ branch.
2. Commit those changed files.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git commit -m "committed changes in readme of branch"

[js-assignments 5238742] committed changes in readme of branch

1 file changed, 1 insertion(+), 1 deletion(-)

1. Switch to master branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

1. Make minor changes into README.txt file on line 1 & commit those changes into master.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git add .

1. Again switch to ‘js-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

1. Make minor changes into few files belonging to ‘js-assignments’ branch.
2. Commit those changes.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git commit -m "commit changes in js file of branch"

[js-assignments 588d293] commit changes in js file of branch

1 file changed, 2 insertions(+), 1 deletion(-)

1. Switch to master.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

13Merge ‘js-assignments’ branch into master. Confirm all JavaScript assignments are shown in master.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (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.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master|MERGING)

$ git add .

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master|MERGING)

$ git commit -m "commit manually resolve merge"

[master d74f5cb] commit manually resolve merge

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git merge js-assignments

Already up to date.

14.Finally delete the ‘js-assignments’ branch.

Dell@DESKTOP-6UE92PJ MINGW64 ~/Assignments (master)

$ git branch -D js-assignments

Deleted branch js-assignments