

Git and Github

```
MINGW64/c/Users/Imyse/project
imyse@DESKTOP-RBDCRT0 MINGW64 ~ (master)
$ mkdir project
imyse@DESKTOP-RBDCRT0 MINGW64 ~ (master)
$ cd
imyse@DESKTOP-RBDCRT0 MINGW64 ~ (master)
$ cd project
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (master)
$ git init
Initialized empty Git repository in C:/Users/Imyse/project/.git/
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (master)
$ git status
On branch master
No commits yet
nothing to commit (create/copy files and use "git add" to track)
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (master)
$ touch index.html
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (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)
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (master)
$ git add index.html
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (master)
$ git commit -m "first html file"
[master (root-commit) 250a73b] first html file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (master)
$ touch info.txt
imyse@DESKTOP-RBDCRT0 MINGW64 ~/project (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git rm --cached <file>..." to remove tracked files from cache)
    info.txt
nothing added to commit but untracked files present (use "git add" to track)
```

```
MINGW64/c/Users/Imyse/assignments
imyse@DESKTOP-RBDCRT0 MINGW64 ~ (master)
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git status
On branch master
nothing added to commit but untracked files present (use "git add" to track)
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git checkout html-assignments
error: pathspec 'html-assignments' did not match any file(s) known to git
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git branch
* master
  html-assignments
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git add html-assignments
fatal: pathspec 'html-assignments' did not match any files
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (html-assignments)
$ git add html-assignments.html
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (html-assignments)
$ git commit -m "html file"
[html-assignments 683741f] html file
1 file changed, 16 insertions(+), 0 deletions(-)
create mode 100644 assignments/html-assignments.html
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (html-assignments)
$ git add html-assignments.html
imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (html-assignments)
$ git commit -m "html 2.0"
$ git commit -m "html 2.0"
```



```
MINGW64/c/Users/Imyse/assignments
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git branch css-assignments
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git add sp.css
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git commit -m "css"
(css-assignments e7047ca) css
1 file changed, 3 insertions(+)
MINGW64/c/Users/Imyse/assignments
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git add sp.css
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git commit -m "css"
(css-assignments e7047ca) css
1 file changed, 3 insertions(+)
create mode 100644 assignments/sp.css
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git add README.txt
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git commit -m "README.txt 3.0"
(css-assignments 3bca77c) README.txt 3.0
1 file changed, 2 insertions(+), 1 deletion(-)
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git add README.txt
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git commit -m "3.0"
(master c8f726c) 3.0
1 file changed, 3 insertions(+), 1 deletion(-)
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git add .
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git commit -m "css 2.0"
(css-assignments ea8177f) css 2.0
1 file changed, 1 insertion(+)
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
```

```
MINGW64/c/Users/Imyse/assignments
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git branch css-assignments
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git add sp.css
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git commit -m "css"
(css-assignments e7047ca) css
1 file changed, 3 insertions(+)
MINGW64/c/Users/Imyse/assignments
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git add .
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git commit -m "css 2.0"
(css-assignments ea8177f) css 2.0
1 file changed, 1 insertion(+)
Imyse@DESKTOP-RBDCRT0 MINGW64 ~/assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
```

40. Login into github account.

41. Create new public repository 'freshersbatch-oct16'.

42. Commit & push any sample file to this repository under 'Assignments' directory.

SECTION-2 (Pushing source code to remote repository using Eclipse GIT plugin) - Steps to follow:

1. One developer from project team will create eclipse projects 'SampleProj' & add samy source code files. Then commit all files through eclipse GIT plugin.
2. Collaborate other team members with your github account so that they can also mod the committed files.
3. Other developers from same team will checkout all files from remote repository. This might get conflicts since certain files fail to merge. In such case, merge it manually.
4. Commit & push the 'SampleProj' project.

```
MINGW64/c/Users/Impey/assignments
./3D Objects/
./AppData/
./Contacts/
./Desktop/
./Documents/
./Downloads/
./Favorites/
./IdeaProjects/
./IntelGraphicsProfiles/
./Links/
./MicrosoftEdgeBackups/
./Music/
./NTUSER.DAT
./NTUSER.DAT[535bd7f2-4d0e-11ec-891a-f49981c83808].TM.bkf
./NTUSER.DAT[535bd7f2-4d0e-11ec-891a-f49981c83808].TMCContainer0000000000000000
H00001.regtrans.ms
./NTUSER.DAT[535bd7f2-4d0e-11ec-891a-f49981c83808].TMCContainer0000000000000000
H00002.regtrans.ms
./OneDrive/
./Pictures/
./Saved Games/
./Searches/
./Videos/
./cappemini/
./diabla/
./ntuser.dat.LOG1
./ntuser.dat.LOG2
./ntuser.ini
./online/
./project/
./project_dir/
./project_dir1/
./sp/
./so_demo/
./tests/

$msys64>cd /c/Users/Impey/assignments
$git commit -m "js"
[js-assigments] 8de541a js
1 file changed, 1 insertion(+)

$msys64>cd /c/Users/Impey/assignments
$git checkout master
Switched to branch 'master'

$msys64>cd /c/Users/Impey/assignments
$git merge js-assigments
Merge made by the 'ort' strategy.
assignments/html-assignments.html | +
1 file changed, 1 insertion(+)

$msys64>cd /c/Users/Impey/assignments
$git branch -d js-assigments
Deleted branch js-assigments (was 8de541a).

$msys64>cd /c/Users/Impey/assignments
```