

Git- GitHub Assignment Solutions.

A1.

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~
$ mkdir project_dir

gopinadh@LAPTOP-ED15KTUK MINGW64 ~
$ cd project_dir

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir
$ git init
Initialized empty Git repository in C:/Users/GOPINADH BHUPATHI/project_dir/.git/

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ touch index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/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)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git add index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git commit -m "This is first commit"
[master (root-commit) 0dbe9cc] This is first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ echo "First update" > index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ touch info.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/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")

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ touch .gitignore

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ echo "*.txt" > .gitignore

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git add .
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git log
commit 0dbe9cc0cbb16e1d393160dd9a9fd1d9e28502f7 (HEAD -> master)
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date:   Mon Jan 18 20:47:48 2021 +0530

    This is first commit

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ echo "2nd update" > index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ cat index.html
2nd update

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git restore
fatal: you must specify path(s) to restore

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git restore index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ cat index.html
First update

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ echo "3rd update" > index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git reset
Unstaged changes after reset:
M       index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git my-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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git commit -m "2nd commit"
bash: git: command not found

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git commit -m "2nd commit"
[master e578f11] 2nd commit
1 file changed, 1 insertion(+)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git log
commit e578f11512930442e5be6db8e8e959c029708580 (HEAD -> master)
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date: Mon Jan 18 20:54:12 2021 +0530

    2nd commit

commit 0dbe9cc0cbb16e1d393160dd9a9fd1d9e28502f7
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date: Mon Jan 18 20:47:48 2021 +0530

    This is first commit

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ echo " " > .gitignore

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        info.txt

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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git info.txt
git: 'info.txt' is not a git command. See 'git --help'.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git add info.txt
warning: LF will be replaced by CRLF in info.txt.
The file will have its original line endings in your working directory

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git commit -m
error: switch `m' requires a value

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git commit -m "3rd commit"
[master 371186d] 3rd commit
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git log
commit 371186dcdcf36ff8f31210743f99d47652bf4a0 (HEAD -> master)
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date: Mon Jan 18 20:55:10 2021 +0530
```

3rd commit

```
commit e578f11512930442e5be6db8e8e959c029708580
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date: Mon Jan 18 20:54:12 2021 +0530
```

2nd commit

```
commit 0dbe9cc0cbb16e1d393160dd9a9fd1d9e28502f7
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date: Mon Jan 18 20:47:48 2021 +0530
```

This is first commit

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git reset HEAD~1
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ GIT L;OG
git: 'L' is not a git command. See 'git --help'.
```

The most similar commands are

- am
- gc
- mv
- p4
- rm

bash: OG: command not found

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ git log
commit e578f11512930442e5be6db8e8e959c029708580 (HEAD -> master)
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date: Mon Jan 18 20:54:12 2021 +0530
```

2nd commit

```
commit 0dbe9cc0cbb16e1d393160dd9a9fd1d9e28502f7
Author: 11706201 <gopinadhbhupathi454@gmail.com>
Date: Mon Jan 18 20:47:48 2021 +0530
```

This is first commit

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/project_dir (master)
$ |
```

GIT BRANCHING

HTML-ASSIGNMENTS BRANCH

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~  
$ mkdir Assignments  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~  
$ cd Assignments/  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments  
$ git init  
Initialized empty Git repository in C:/Users/GOPINADH BHUPATHI/Assignments/.git/  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)  
$ cat >> README.txt  
This folder contains html files  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)  
$ git add .  
warning: LF will be replaced by CRLF in README.txt.  
The file will have its original line endings in your working directory  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)  
$ git commit -m "Committed README.txt file"  
[master (root-commit) 3274b16] Committed README.txt file  
1 file changed, 1 insertion(+)  
create mode 100644 README.txt  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)  
$ git branch html-assignments  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)  
$ git checkout html-assignments  
Switched to branch 'html-assignments'  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)  
$ ls  
README.txt  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)  
$ touch index.html home.html  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)  
$ pwd  
/c/Users/GOPINADH BHUPATHI/Assignments  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)  
$ git add *.html  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)  
$ git commit -m "Committed all html files"  
[html-assignments 9426e0c] Committed all html files  
2 files changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 home.html  
create mode 100644 index.html  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)  
$ echo "Changed content in index.html" > index.html  
  
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ echo "Changed content in index.html" > index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ echo "Changed content in home.html" > home.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ echo "Changed content in Readme.txt fiel" > README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-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
warning: LF will be replaced by CRLF in home.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ git commit -m "minor changes committed"

[html-assignments 63eae80] minor changes committed
 3 files changed, 3 insertions(+), 1 deletion(-)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ ls
README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ cat README.txt
This folder contains html files

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ echo "SECond update in mster branch read me file" > README.txt

gopinadh@LAPTOP-ED15KTUK 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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git commit -m "Changed Read me file committed"
[master 97c8663] Changed Read me file committed
 1 file changed, 1 insertion(+), 1 deletion(-)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git checkout html-assignments -assignments
error: unknown switch '-a'
usage: git checkout [<options>] <branch>
       or: git checkout [<options>] [<branch>] -- <file>...
```



```
or: git checkout [<options>] [<branch>] -- <file>...

-b <branch>          create and checkout a new branch
-B <branch>          create/reset and checkout a branch
-l                  create reflog for new branch
--guess              second guess 'git checkout <no-such-branch>' (default)
--overlay            use overlay mode (default)
-q, --quiet          suppress progress reporting
--recurse-submodules[=<checkout>]
                    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)
--orphan <new-branch>
                    new unparented branch
--overwrite-ignore   update ignored files (default)
--ignore-other-worktrees
                    do not check if another worktree is holding the given
ref
-2, --ours           checkout our version for unmerged files
-3, --theirs         checkout their version for unmerged files
-p, --patch          select hunks interactively
--ignore-skip-worktree-bits
                    do not limit pathspecs to sparse entries only
--pathspec-from-file <file>
                    read pathspec from file
--pathspec-file-nul  with --pathspec-from-file, pathspec elements are separ
ated with NUL character
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
```

```
$ git checkout html-assignments
Switched to branch 'html-assignments'
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ echo "Mino changes again in index.html" > index.html
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ echo "Mino changes again in home.html" > home.html
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ echo "Mino changes again in README.txt" > README.txt
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-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
warning: LF will be replaced by CRLF in home.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ git commit -m "All minor changes again updated"
[html-assignments e869688] All minor changes again updated
3 files changed, 3 insertions(+), 3 deletions(-)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merget html-assignments
git: 'merget' is not a git command. See 'git --help'.

The most similar commands are
    merge
    mergetool

gopinadh@LAPTOP-ED15KTUK 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.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ ls
README.txt  home.html  index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ cat README.txt
<<<<<<< HEAD
SECond update in mster branch read me file
=====
Mino changes again in READme.txt
>>>>>>> html-assignments

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ ^C

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ ls
bash: $'\302\203ls': command not found

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ ls
README.txt  home.html  index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ cat home.html
Mino changes again in home.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git checkout html-assignments
error: you need to resolve your current index first
README.txt: needs merge

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git merge
error: Merging is not possible because you have unmerged files
```

```
$ ls
bash: $'\302\203ls': command not found

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ ls
README.txt  home.html  index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ cat home.html
Mino changes again in home.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git checkout html-assignments
error: you need to resolve your current index first
README.txt: needs merge

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git merge
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.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/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:   home.html
  new file:   index.html

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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ echo "README.txt has tp be added" > README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ 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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git commit -m "READ modifief"
[master 66650b5] READ modifief

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge
fatal: No remote for the current branch.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge html-assignments
Already up to date.
```

```
$ git merge
fatal: No remote for the current branch.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge html-assignments
Already up to date.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was e869688).

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ |
```

Branching CSS-assignments

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git branch css-assignments

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'
D       home.html
D       index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ ls
README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ touch css1 css2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ touch README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git commit -m "All files committed"
[css-assignments 19e954f] All files committed
4 files changed, 2 deletions(-)
create mode 100644 css1
create mode 100644 css2
delete mode 100644 home.html
delete mode 100644 index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ ls
README.txt  css1  css2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ echo "line 1 edited " > README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ 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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git committ -m "READN+ME fiel committed"
git: 'committ' is not a git command. See 'git --help'.

The most similar command is
    commit

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git commit -m "READN+ME fiel committed"
[css-assignments c87ff30] READN+ME fiel committed
1 file changed, 1 insertion(+), 1 deletion(-)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
```

```
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ ls
README.txt  home.html  index.html

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ vim README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ vim README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git add README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git commit -m "Line 3 edited"
[master eef330f] Line 3 edited
1 file changed, 2 insertions(+)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ echo "Line added in css file 1" > css1

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ echo "Line added in css file 2" > css2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ vim README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ commit -m "final changes committed"
bash: commit: command not found

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git commit -m "final changes committed"
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
        modified:   css1
        modified:   css2

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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git add .
warning: LF will be replaced by CRLF in css1.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css2.
The file will have its original line endings in your working directory

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git commit -m "final changes committed"
[css-assignments cd9fa86] final changes committed
3 files changed, 3 insertions(+), 1 deletion(-)
```



```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git commit -m "final changes committed"
[css-assignments cd9fa86] final changes committed
3 files changed, 3 insertions(+), 1 deletion(-)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge css-assignments
merge: css-assignments - not something we can merge

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge css-assignments
merge: css-assignments - not something we can merge

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge css-assignments
Removing index.html
Removing home.html
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/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:   css1
  new file:   css2
  deleted:    home.html
  deleted:    index.html

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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ vim README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git add README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git commit -m ""Finally committed
fatal: cannot do a partial commit during a merge.
```

```
$ git checkout css-assignments
Switched to branch 'css-assignments'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge css-assignments
Removing index.html
Removing home.html
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/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:   css1
  new file:   css2
  deleted:    home.html
  deleted:    index.html

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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ vim README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git add README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git commit -m ""Finally committed
fatal: cannot do a partial commit during a merge.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git commit -m "Finally committed"
[master fcab63d] Finally committed

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge css-assignments
Already up to date.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ ls
README.txt  css1  css2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git branch -d css-assignments
Deleted branch css-assignments (was cd9fa86).

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ |
```


JS-ASSIGNMENT BRANCHING

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ touch js1 js2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ ls
README.txt  js1  js2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ git add .

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ git commit -m "All file added"
[js-assignments 57253d7] All file added
4 files changed, 2 deletions(-)
delete mode 100644 css1
delete mode 100644 css2
create mode 100644 js1
create mode 100644 js2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ echo "first minor change in README.txt file" > README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ 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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ git commit -m "README.txt edited"
[js-assignments 7fb4615] README.txt edited
1 file changed, 1 insertion(+), 7 deletions(-)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ cat README.txt
<<<<<<< HEAD
README.txt has tp be added
this is line 2
this is line3
=====

>>>>>>> css-assignments

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ echo "First line is changing " > README.txt

gopinadh@LAPTOP-ED15KTUK 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

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git commit -m "first line edited"
[master 4adf9dc] first line edited
1 file changed, 1 insertion(+), 7 deletions(-)

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
```

```
gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ echo "Addoing changes to fielk" > css1

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ echo "Addoing changes to fielk" > js1

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ echo "Addoing changes to js2 " > js2

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ git add .
warning: LF will be replaced by CRLF in js1.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in js2.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in css1.
The file will have its original line endings in your working directory

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ git commit -m "minor chanhes occured"
[js-assignments 03cfef8] minor chanhes occured
3 files changed, 3 insertions(+)
create mode 100644 css1

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge js-assignmnets
merge: js-assignmnets - not something we can merge

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge js-assignments
Removing css2
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ vim README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git add README.txt

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master|MERGING)
$ git commit -m " Conflict fixed"
[master bbd2d31] Conflict fixed

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ git merge js-assignments
Already up to date.

gopinadh@LAPTOP-ED15KTUK MINGW64 ~/Assignments (master)
$ ls
README.txt  css1  js1  js2
```

GIT REMOTING

1.Created Github account “github.com/gopinadh-bhupathi”

2.Created Repository named ‘freshersbatch-oct16’

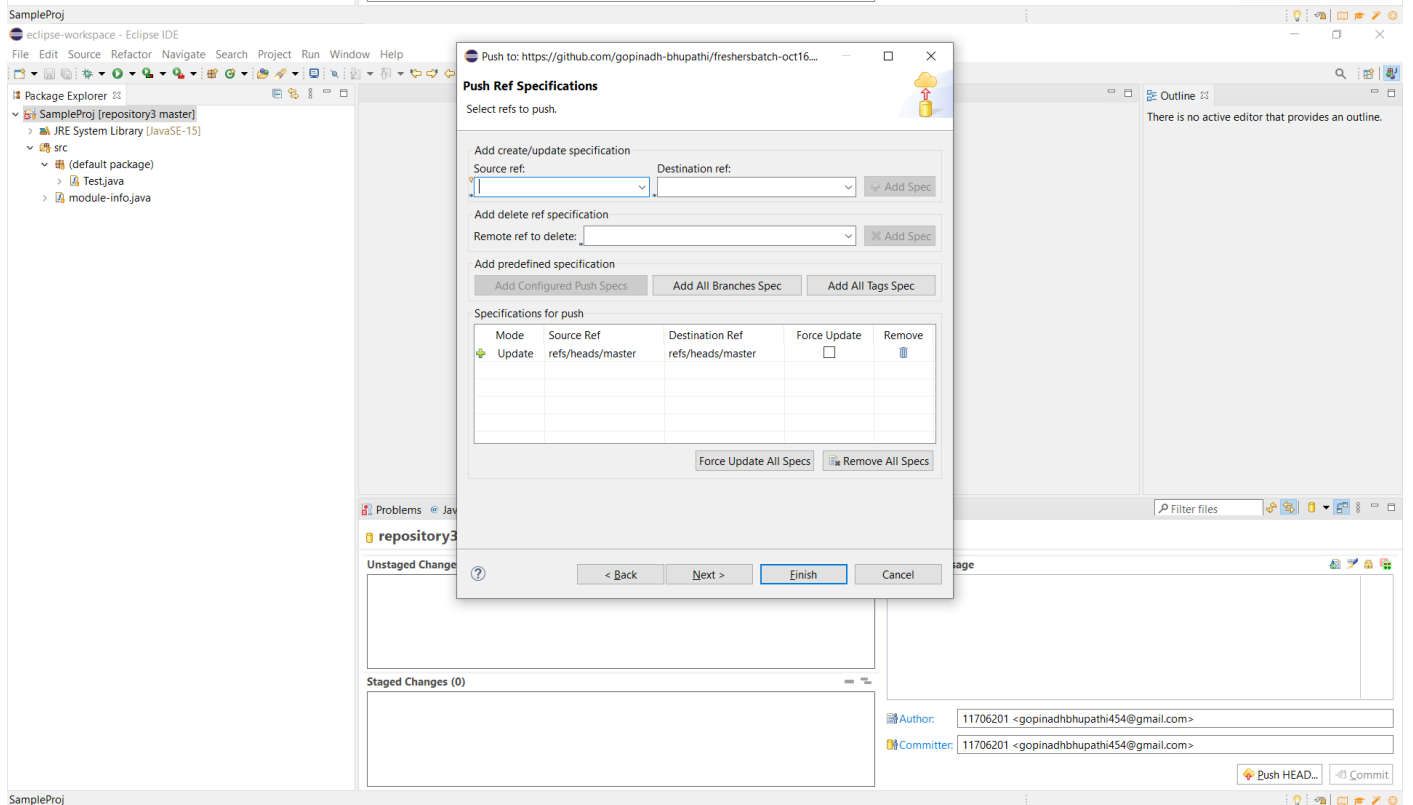
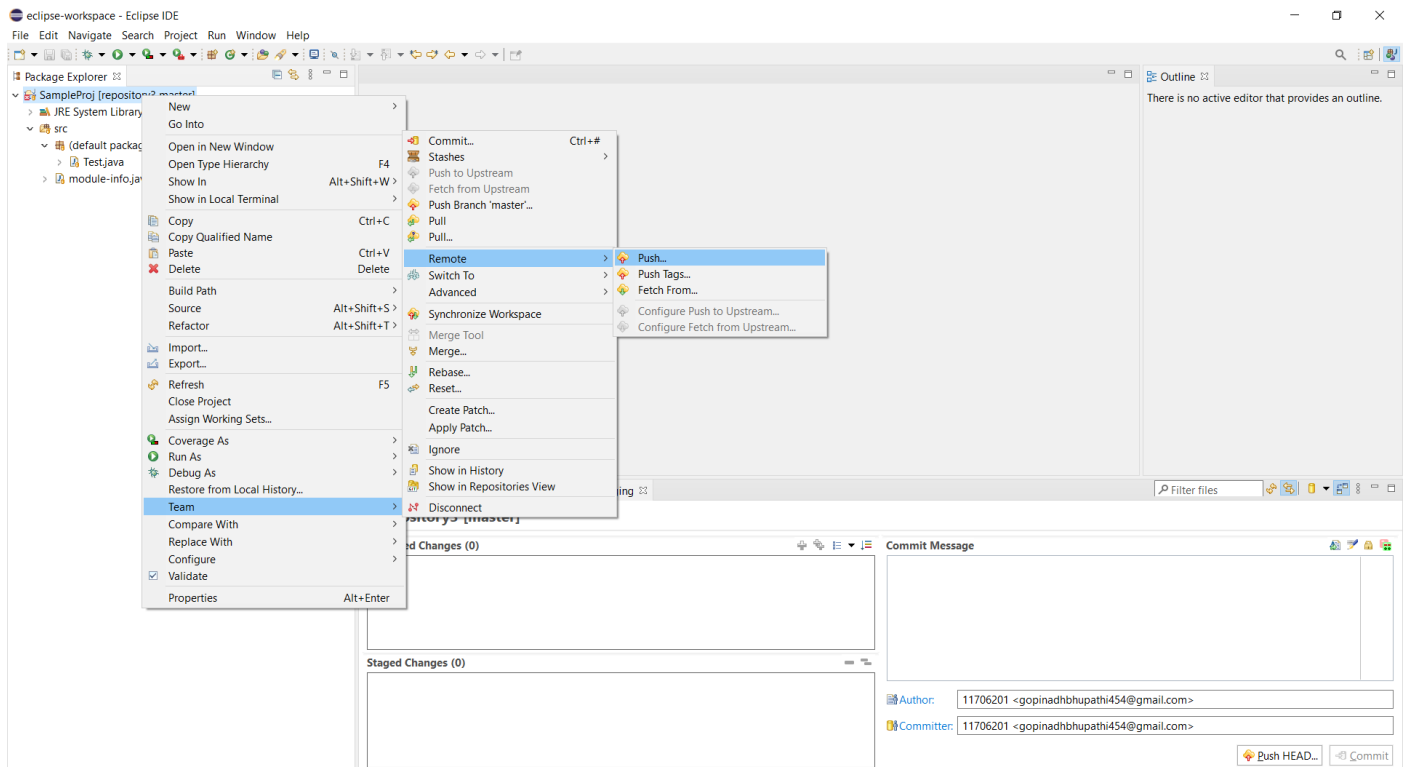
3.first adding remote repo in command line

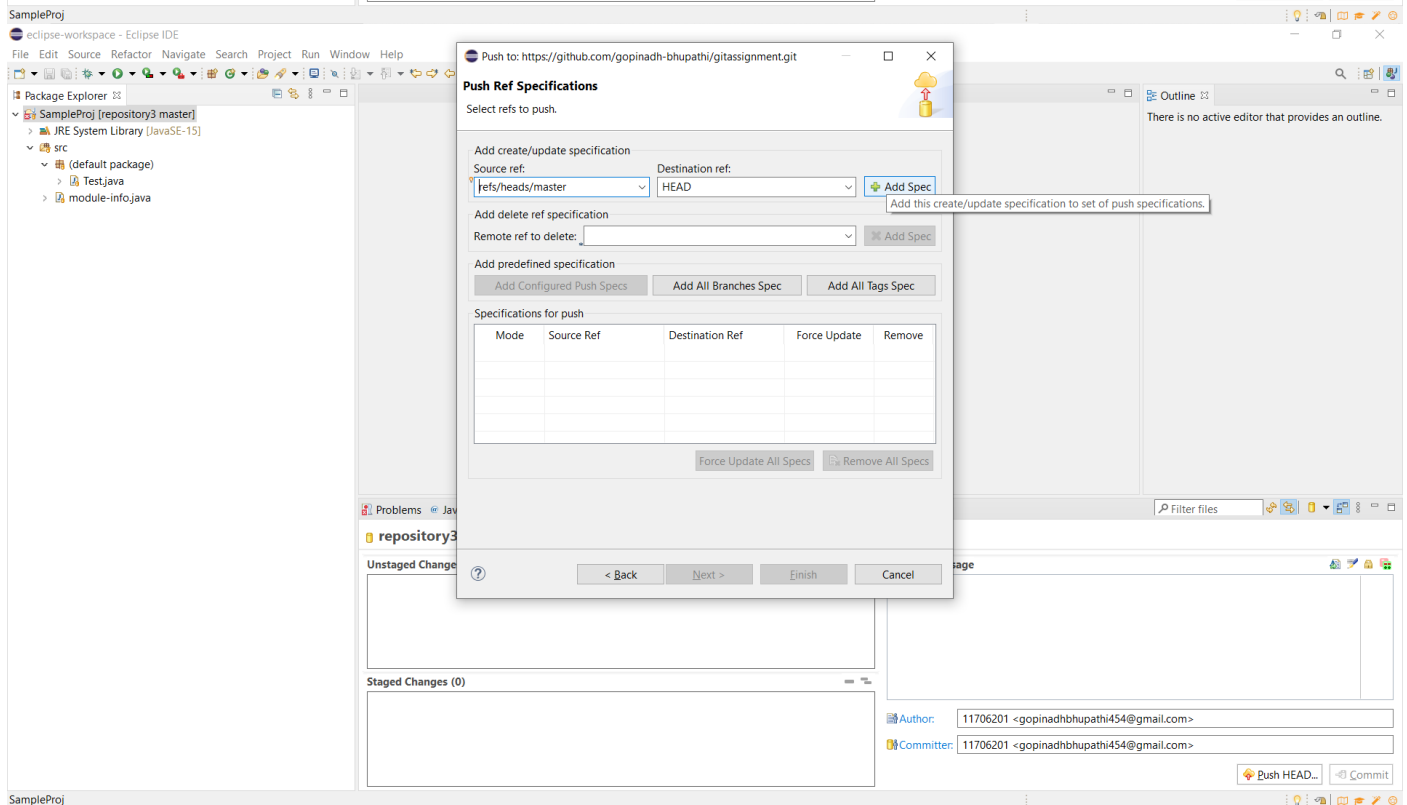
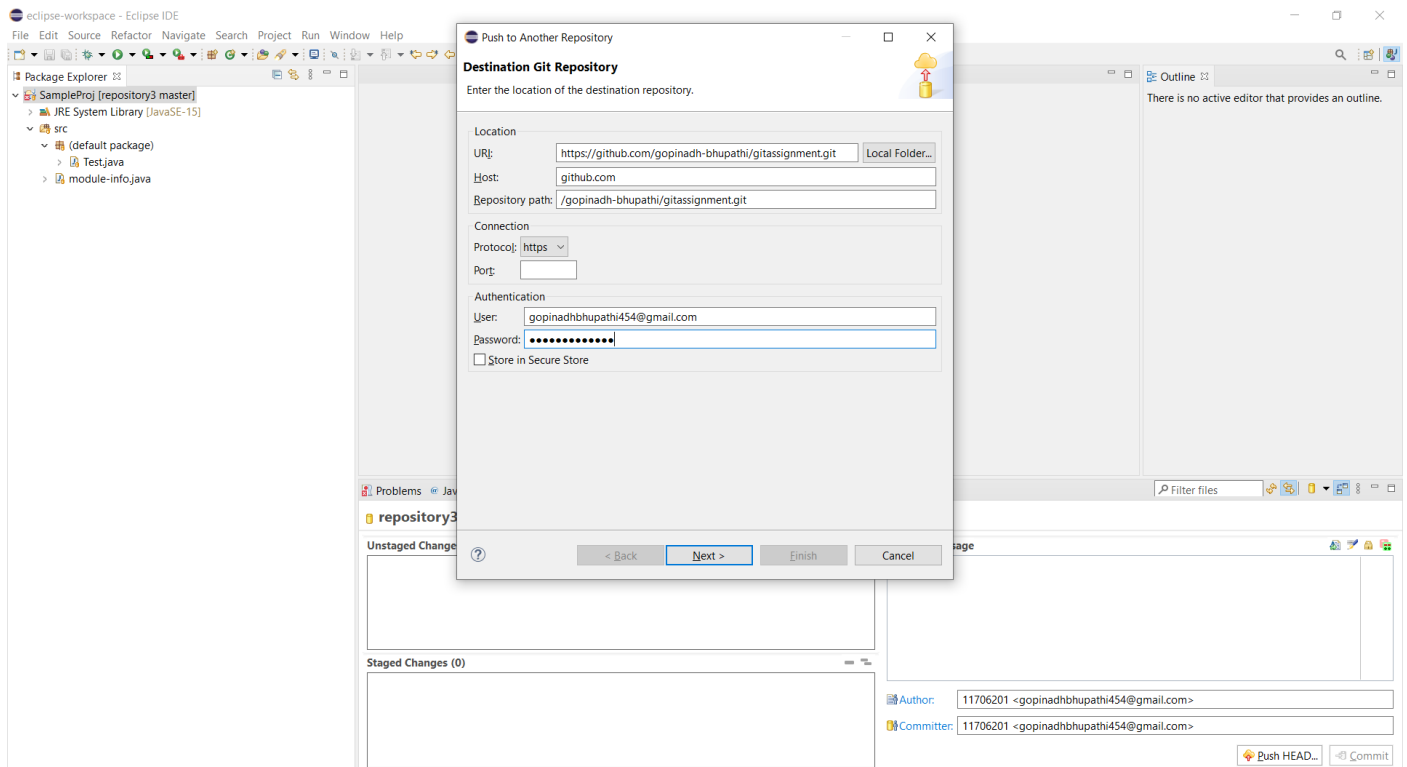
4.git remote add origin

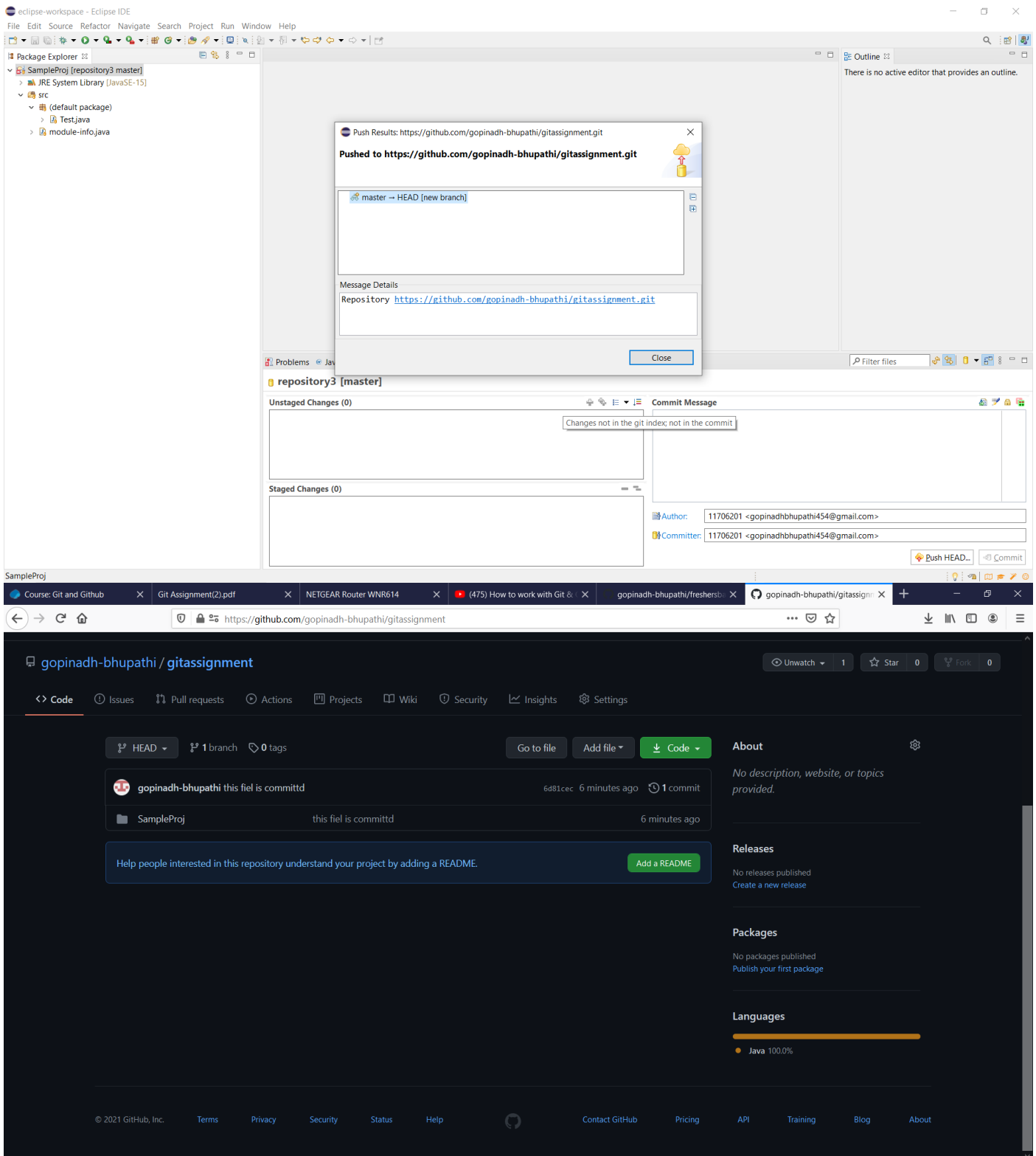
<https://github.com/gopinadh-bhupathi/freshersbatch-oct16.git>

5.git push origin master

2nd:







1. Now invite a collaborator.
2. (Collaborator)
3. cloning the repo locally in eclipse
4. create new branch so that there will be no conflict
5. Now make the required changes and commit them and push to new branch.
6. Now create a pull request to the person needs to use them.