P.Monisha

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```
MINGW64:/c/Users/hp/project_dir

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ cat .gitignore
*.txt

hp@DESKTOP-R0480GQ 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)
        .gitignore

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

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git add .gitignore
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git add index.html

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git commit -m "modified index.html"
[master fe5595b] modified index.html
 2 files changed, 6 insertions(+)
 create mode 100644 .gitignore

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git log
commit fe5595b02fe02f990910bfd4496826b5367a4621 (HEAD -> master)
Author: Pulaparthymonisha2 <monishapulaparthy@gmail.com>
Date:   Tue Jan 19 15:47:41 2021 +0530

    modified index.html

commit 03538124f296d6253f90afdb2073c352306bdddc
Author: Pulaparthymonisha2 <monishapulaparthy@gmail.com>
Date:   Tue Jan 19 13:36:18 2021 +0530

    added index.html

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git revert HEAD
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

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git add index.html
```



```
MINGW64:/c/Users/hp/project_dir

$ git add index.html

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git commit -m "modified index.html"
[master fe5595b] modified index.html
 2 files changed, 6 insertions(+)
 create mode 100644 .gitignore

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$ git log
commit fe5595b02fe02f990910bfd4496826b5367a4621 (HEAD -> master)
Author: Pulaparthymonisha2 <monishapulaparthy@gmail.com>
Date:   Tue Jan 19 15:47:41 2021 +0530

    modified index.html

commit 03538124f296d6253f90afdb2073c352306bdddc
Author: Pulaparthymonisha2 <monishapulaparthy@gmail.com>
Date:   Tue Jan 19 13:36:18 2021 +0530

    added index.html

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git revert HEAD
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

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git add index.html

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git commit -m "again modified index.html"
[master 156bec0] again modified index.html
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git revert HEAD
[master be5118e] Revert "again modified index.html"
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git add index.html

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git commit -m "once again modified index.html"
[master 59f37b3] once again modified index.html
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git revert HEAD
[master 6cf4a4b] Revert "once again modified index.html"
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$
```



```
MINGW64:/c/Users/hp/project_dir

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git my-add index.html

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git commit -m "done index.html"
[master 98f9d37] done index.html
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$ git revert HEAD
[master 692a872] Revert "done index.html"
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-R0480GQ MINGW64 ~/project_dir (master)
$
```

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Git Branching

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```
hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git add innndex.html
fatal: pathspec 'innndex.html' did not match any files

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git add inndex.html

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git commit -m 'modified inndex.html'
[html-assignnments 0eed229] modified inndex.html
 1 file changed, 1 insertion(+)

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git add README.txt

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git commit -m "modified README.txt"
[html-assignnments cbe18eb] modified README.txt
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git branch master
fatal: A branch named 'master' already exists.

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git add README.txt

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git commit -m "again modified README.txt"
[html-assignnments 290ec70] again modified README.txt
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git checkout html-assignnments
Already on 'html-assignnments'
D       sweety/s1.txt

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git add inndex.html

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git commit -m 'again modified inndex.html'
[html-assignnments e3326e1] again modified inndex.html
 1 file changed, 2 insertions(+), 1 deletion(-)

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git add README.txt

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git commit -m "once again modified README.txt"
[html-assignnments 45b6e29] once again modified README.txt
 1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git branch master
fatal: A branch named 'master' already exists.
```
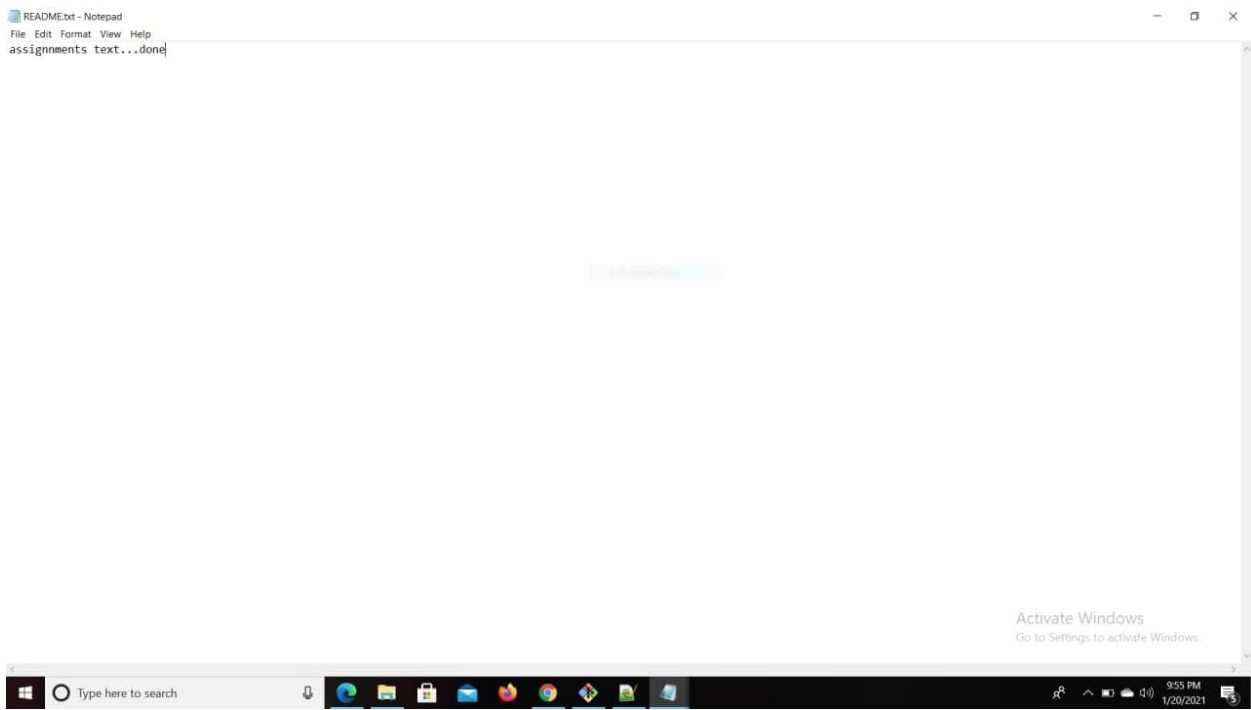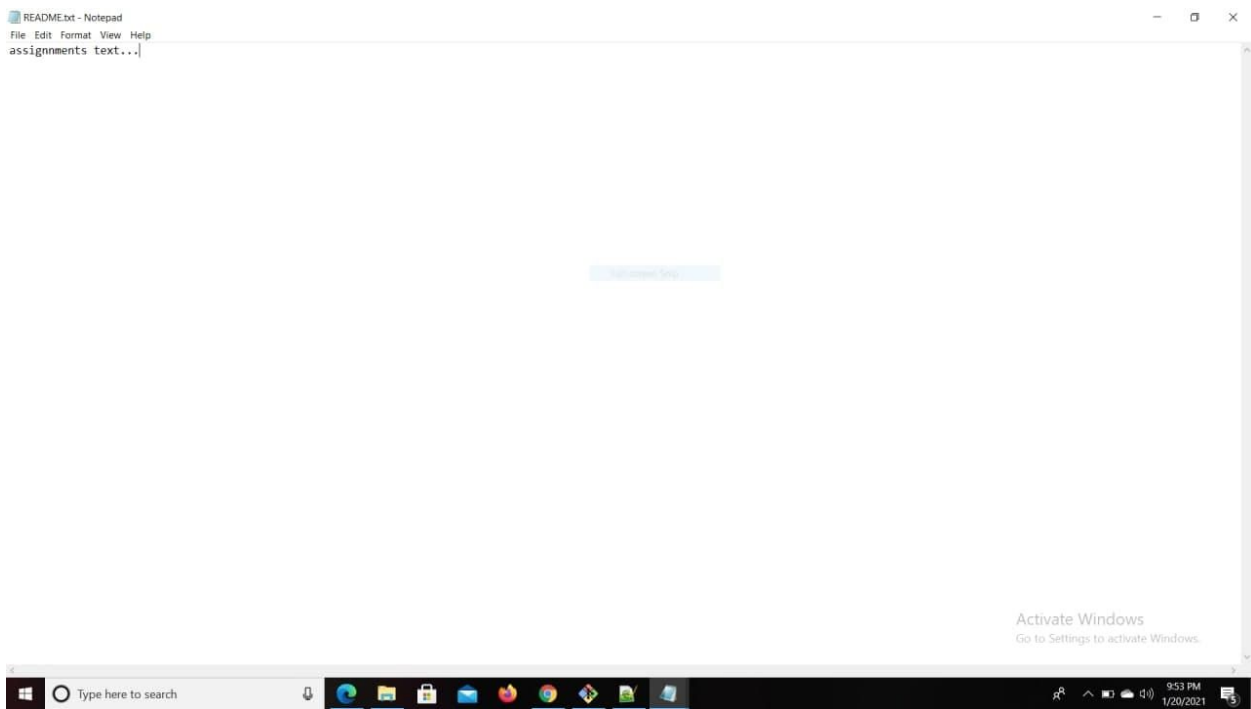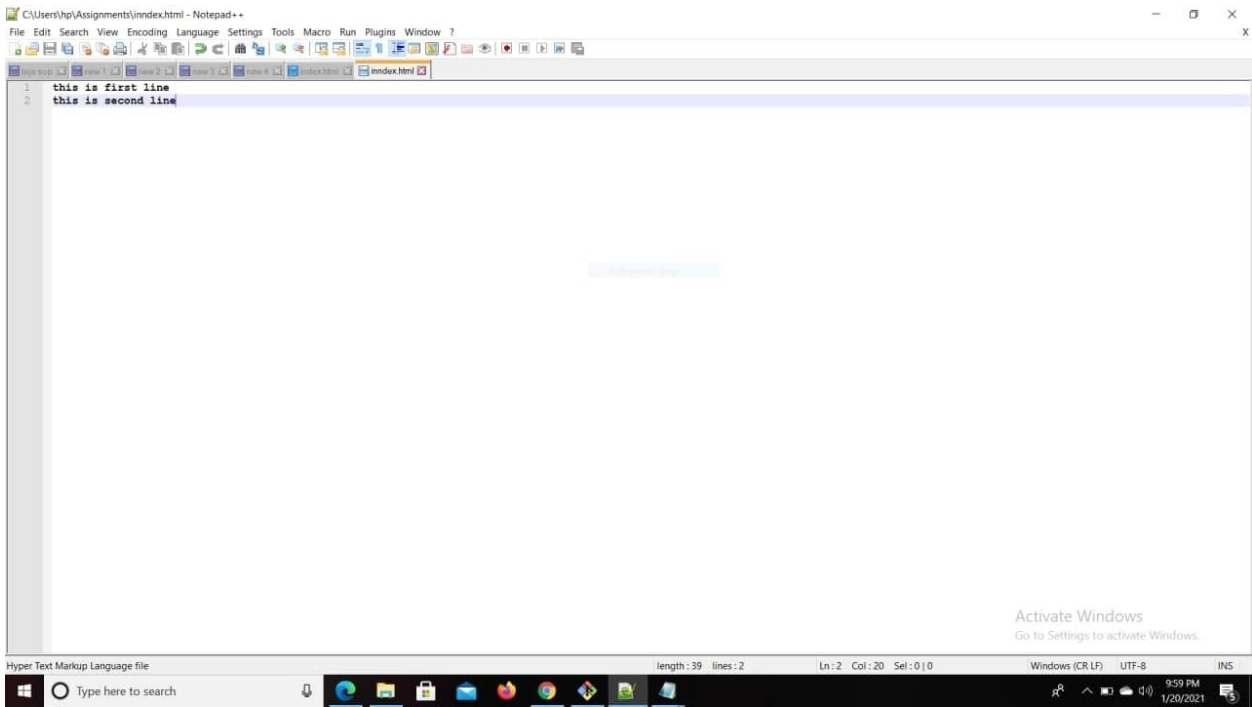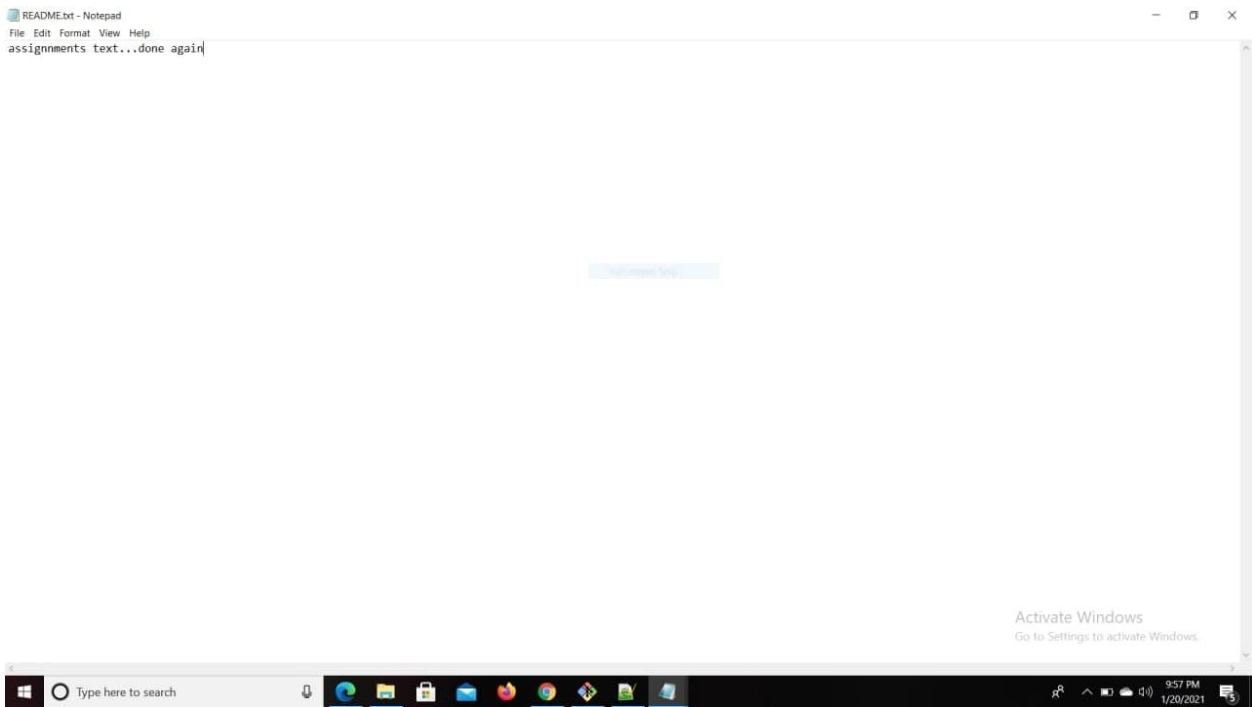
Type here to search

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README.txt - Notepad

File Edit Format View Help

assignments text...done again

C:\Users\hp\Assignments\inndex.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

```
1    this is first line
2    this is second line
```

Hyper Text Markup Language file   length : 39   lines : 2   Ln : 2   Col : 20   Sel : 0 | 0   Windows (CR LF)   UTF-8   INS

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MINGW64:/c/Users/hp/Assignments
```
fatal: A branch named 'master' already exists.

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
D       sweety/s1.txt

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (master)
$ git merge html-assignments
merge: html-assignments - not something we can merge

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (master)
$ git checkout html-assignments
error: pathspec 'html-assignments' did not match any file(s) known to git

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (master)
$ git checkout html-assignnments
Switched to branch 'html-assignnments'
D       sweety/s1.txt

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git merge html-assignnments
Already up to date.

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ ls
Assignments  README.txt  inndex.html

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git branch -d html-assignnments
error: Cannot delete branch 'html-assignnments' checked out at 'C:/Users/hp'

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (html-assignnments)
$ git checkout master
Switched to branch 'master'
D       sweety/s1.txt

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (master)
$ git branch -d html-assignnments
error: The branch 'html-assignnments' is not fully merged.
If you are sure you want to delete it, run 'git branch -D html-assignnments'.

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (master)
$ git merge html-assignnments
Updating 00964ea..45b6e29
Fast-forward
 Assignments/README.txt  | 1 +
 Assignments/inndex.html | 2 ++
 2 files changed, 3 insertions(+)
 create mode 100644 Assignments/README.txt
 create mode 100644 Assignments/inndex.html

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (master)
$ git branch -d html-assignnments
Deleted branch html-assignnments (was 45b6e29).

hp@DESKTOP-RQ480GQ MINGW64 ~/Assignments (master)
$ |
```
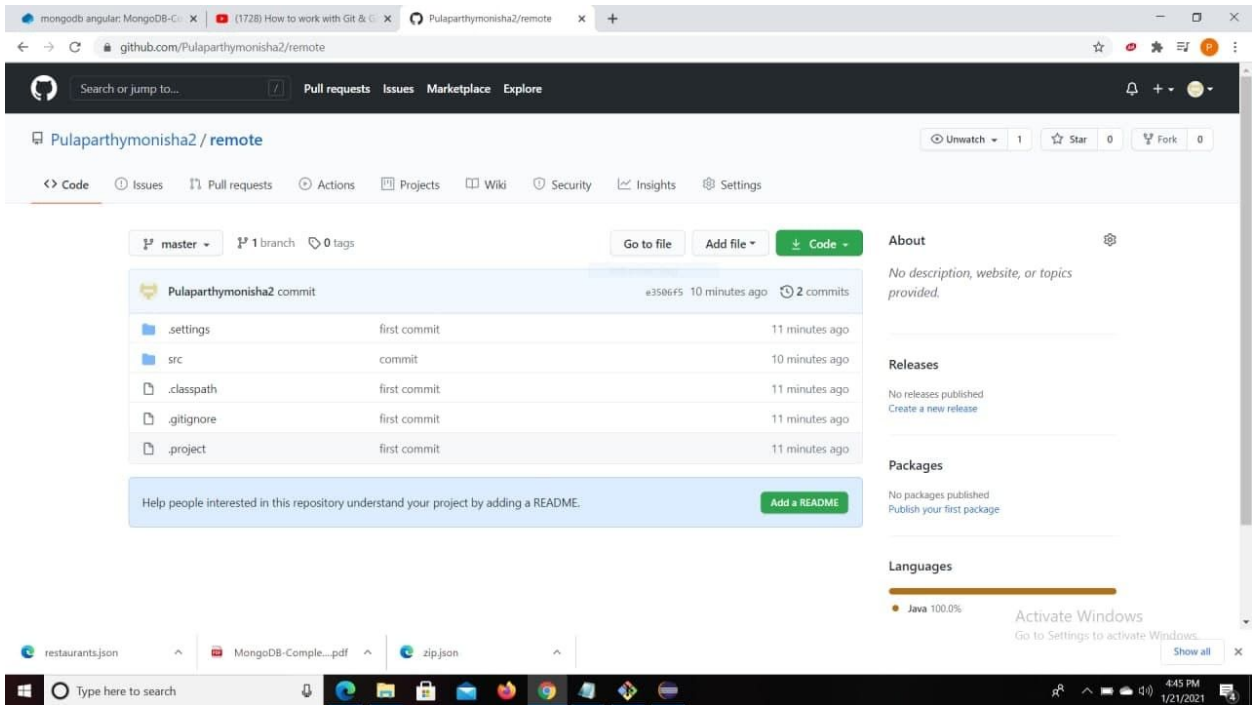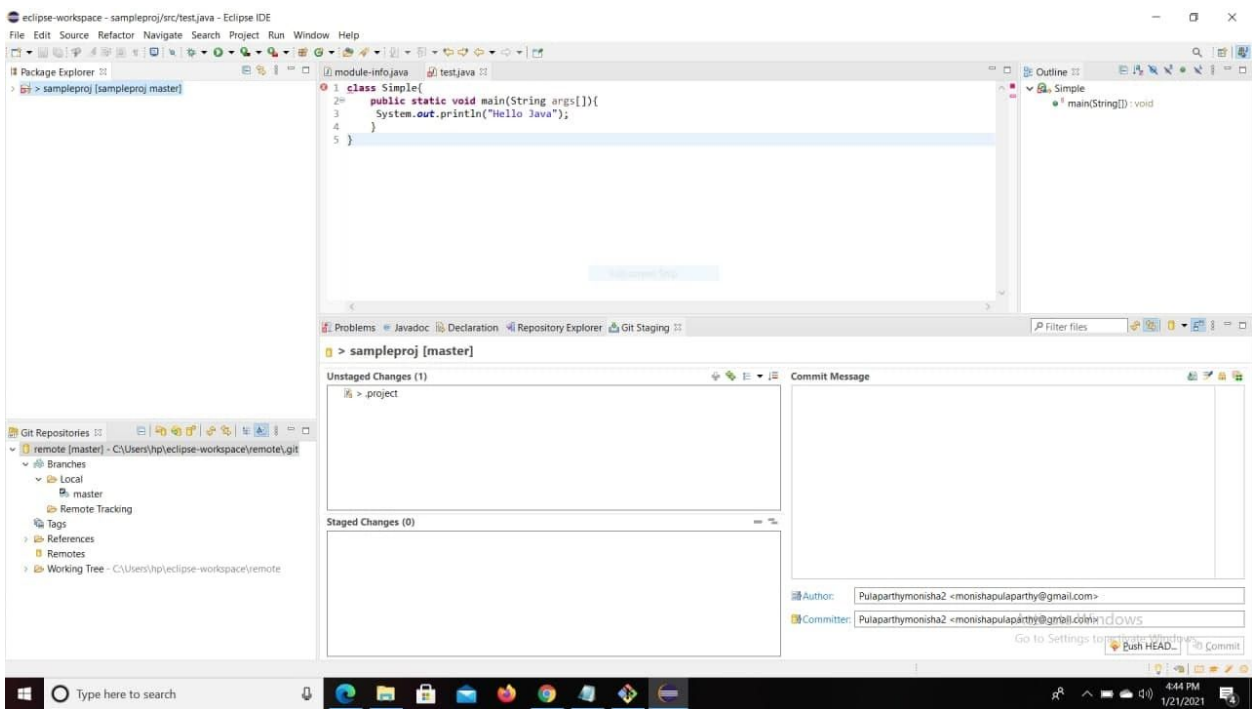
SECTION-II

cd Assignments
git branch css-assignments
git checkout css-assignments
cd ..
cp *.CSS Assignments
cd Assignments
///Modify already existed README.txt file
git add .
git commit -m Added CSS files"
////Modify README.txt file
git add .
git commit -m " Modified README.txt"
git checkout master
////Again modify the README.txt file
git add .
git commit -m "Again modified REAME.txt"

```
git checkout css-assignments
touch css.txt ///add some content
touch css1.txt ///add some content
git add .
git commit -m "Added css.txt ad css1.txt"
git checkout master
git merge css-assignments
git branch -d css-assignments
```

SECTION-III

```
git branch js-assignments
git checkout js-assignments
cd ..
cp *.JS Assignments
cd Assignments
git add .
git commit -m Added JS files"
////Modify README.txt file
git add .
git commit -m " Once Modified README.txt"
git checkout master
////Again modify the README.txt file
git add .
git commit -m "Again modified README.txt"
git checkout js-assignments
touch js.txt ///add some content
touch js1.txt ///add some content
git add .
git commit -m "Added js.txt and js1.txt"
git checkout master
git merge js-assignments
git branch -d js-assignments
```

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