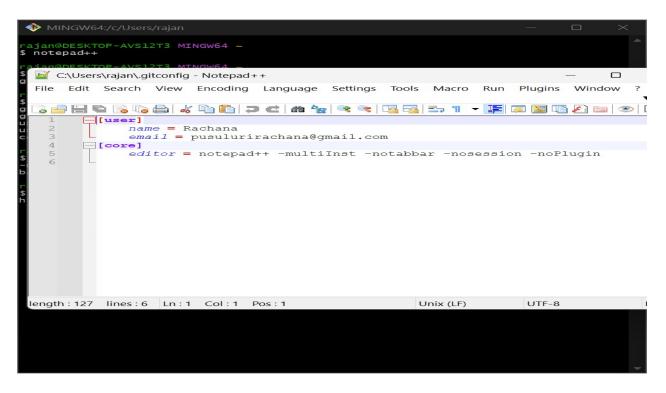
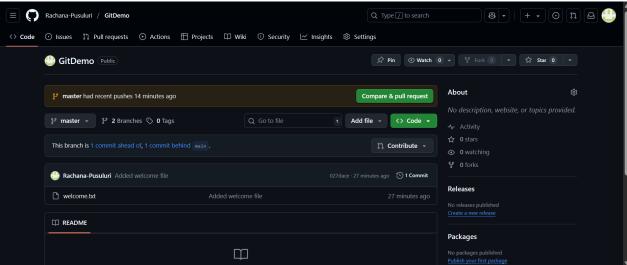
Git

Hands on 1:

```
NINGW64:/c/Users/rajan/GitDemo
rajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
$ git remote add origin https://github.com/Rachana-Pusuluri/GitDemo.git
git branch -M master
git push -u origin master
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 235 bytes | 117.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting: remote: https://github.com/Rachana-Pusuluri/GitDemo/pull/new/master
remote:
To https://github.com/Rachana-Pusuluri/GitDemo.git
* [new branch] master -> master
branch 'master' set up to track 'origin/master'.
 ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.
nothing to commit, working tree clean
rajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
$ git add welcome.txt
rajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
$ git commit -m "Added welcome.txt"
On branch master
Your branch is up to date with 'origin/master'.
nothing to commit, working tree clean
 rajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
$ git push -u origin master
branch 'master' set up to track 'origin/master'.
Everything up-to-date
 ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
$ cd /c/Users/rajan/GitDemo
 ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
$ pwd
/c/Users/rajan/GitDemo
```



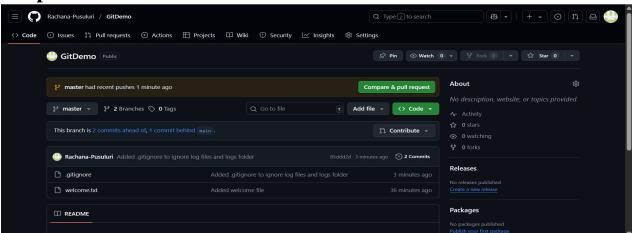


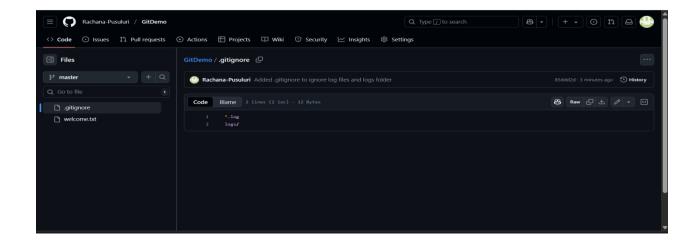
Hands On 2:

```
rajan@DESKTOP-AVS1213 MINGW6
$ cd /c/Users/rajan/GitDemo
    ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master) echo "This is a log file" > debug.log
   ajan@DESKTOP-AVS12T3 MINGw64 <mark>~/GitDemo</mark> (master)
: mkdir logs
:cho "Log folder file" > logs/error.log
:kdir: cannot create directory 'logs': File exists
    ajan@DESKTOP-AVS12T3 MINGW64 -/GitDemo (master)
cat .gitignore
.log
pgs/
     ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
     a)anebeskior-Avsi213 mindows4 byditbemb (master)
git status
n branch master
our branch is up to date with 'origin/master'.
    ntracked files:
(use "git add <file>..." to include in what will be committed)
    othing added to commit but untracked files present (use "git add" to track)
rajan@DESKTOP-AVS12T3 MINGW64 -/GitDemo (master)

S git add .gitignore
git commit - m "Added .gitignore to ignore log files and logs folder"
git push origin master
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next t
ime Git touches it
[master 85ddd2d] Added .gitignore to ignore log files and logs folder

1 file changed, 2 insertions(+)
create mode 100644 .gitignore
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 315 bytes | 315.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Rachana-Pusuluri/GitDemo.git
027dace.85dd2d master -> master
      .jan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
     MINGW64:/c/Users/rajan/GitDemo
GNU nano 8.5
.log
ogs/
                                                                                                                               .gitignore
                                             AO Write Out AF Where Is AK Cut
AR Read File A\ Replace AU Paste
                                                                                                                                                                                    AT Execute AC Location
AJ Justify A/ Go To Line
```





Hands On 3:

```
## ANNOWESPURDENCIPACIDEMO | Company | Company
```

```
MINOMORPHOTOPHASIZIS MINOMES 4/SitOemo (master)
5 git branch - direkembarach (was 9a60f9).

**Palamorestrophasizis Minomes 4/SitOemo (master)
5 git branch - direkembarach (was 9a60f9).

**Palamorestrophasizis Minomes 4/SitOemo (master)
5 git status
on branch master
(Use git mush' to publish your local commits)
on branch master
(Use git mush' to publish your local commits)
morbing to commit, working tree clean

***Palamorestrophasizis Minomes 4/SitOemo (master)
5 git cuths
Gunting objects: 100 (4/4), done.

**Delta compression using up to 4 threads
Countring objects: 100 (4/4), done.

**Delta compression using up to 4 threads
Countring objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (4/4), done.

**Delta compression using up to 4 threads

**Delta compression using up to 4 threads

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (3/3), 338 byte; 138.00 Kis/s, done.

**Titing objects: 100 (4/4), done.

**Delta compression using up to 4 threads

**Titing objects: 100 (4/4), done.

**Delta compression using up to 4 threads

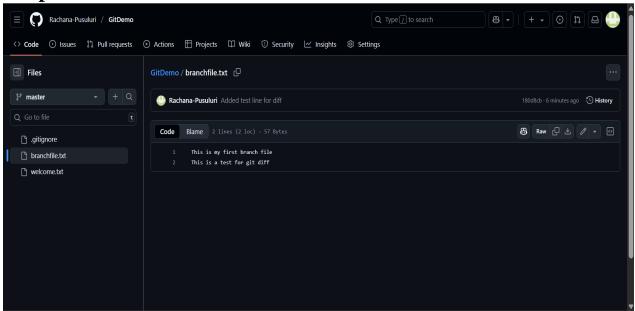
**Titing objects: 100 (4/4), done.

**Delta compression using up to 4 delta compression using up
```

```
Pajan80ESKTOP-AVSIZTS MINGW64 -/GitDemo (TestDiffBranch)
$ git add branchfile.xt
git commit -m'Added test line for diff'
marning. In the working copy of 'branchfile.txt', LF will be replaced by CRLF the ne
[TestDiffBranch 180dGeb) Added test line for diff'
1 file changed, 1 insertion(s)

### Adjan80ESKTOP-AVSIZTS MINGW64 -/GitDemo (TestDiffBranch)
$ git diff master. JestDiffBranch

### Adjan80ESKTOP-AVSIZTS MINGW64 -/GitDemo (TestDiffBranch)
### Adjan80ESKTOP-AVSIZTS MINGW64 -/GitDemo (Master)
#### Adjan80ESKTOP-AVSIZTS MINGW64 -/GitDemo (Master)
#### Adjan80ESKTOP-AVSIZTS MIN
```



Hands On 4: Hands-on ID: "Git-T03-HOL_001"

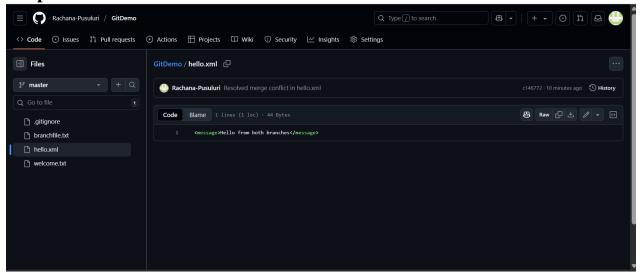
```
ajan@DESKTOP-AVS12T3 MINGW64 ~ (GitWork)
cd GitDemo
      ajaneDESKIOP-AVSIZI3 MINGW64 ~/GitDemo (master
git status
n branch master
our branch is up to date with 'origin/master'.
      ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
git checkout -b GitWork
witched to a new branch 'GitWork'
     ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (GitWork)
echo "<message>Hello from GitWork branch</message>" > hello.xml
it add hello.xml
arning: in the working copy of 'hello.xml', LF will be replaced by CRLF the nex
time Git touches it
     ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (Gitwork)
git commit -m "Add hello.xml in Gitwork branch"
Gitwork d56ca4c] Add hello.xml in Gitwork branch
f file changed, 1 insertion(+)
create mode 100644 hello.xml
     ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (Gitwork)
git checkout master
witched to branch 'master'
our branch is up to date with 'origin/master'.
       ujan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
echo "cmessage>Hello from master branch/message>" > hello.xml
t add hello.xml
urning: in the working copy of 'hello.xml', LF will be replaced by CRLF the nex
time Git touches it
   ajan@DESKTOP-AVS12T3 MINGw64 <mark>~/GitDemo (master)</mark>
git commit -m "Add hello.xml in master branch"
   MINGW64:/c/Users/rajan/GitDemo
   a JATMODESK TOP-AVSJ2T3 MINGW64 ~/GitDemo (master)

git commit -m "Add hello.xml in master branch"

master d36cf27] Add hello.xml in master branch

1 file changed, 1 insertion(+)

Create mode 100644 hello.xml
      ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
git log --oneline --graph --decorate --all
d36cf27 (HEAD -> master) Add hello.xml in master branch
* d56ca4c (Gitwork) Add hello.xml in Gitwork branch
                    odScb (origin/master) Added test line for diff
10Df9 Added branchfile.txt in GitNewBranch
1dd2d Added .gitignore to ignore log files and logs folder
1dace Added welcome file
rajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
5 git diff master GitWork
diff --git a/hello.xml b/hello.xml
index 82868a7. Obf4c19 100644
--- a/hello.xml
+++ b/hello.xml
    ajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master)
git merge GitWork
uto-merging hello.xml
oNFLICT (add/add): Merge conflict in hello.xml
utomatic merge failed; fix conflicts and then commit the result.
       jan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master|MERGING)
       ranchfile.txt debug.log hello.xml logs/ welcome.txt
  rajan@DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master|MERGING)
§ notepad hello.xml
   ajan®DESKTOP-AVS12T3 MINGW64 ~/GitDemo (master|MERGI
git add hello.xml
it commit -m "Resolved merge conflict in hello.xml"
master c146772] Resolved merge conflict in hello.xml
    ajanBDESKTOP-AVS12T3 MINGw64 ~/GitDemo (master)
git status
n branch master
our branch is ahead of 'origin/master' by 3 commits.
(use "git push" to publish your local commits)
            d56ca4c Add hello.xml in GitWork branch d36cf27 Add hello.xml in master branch
               0d8cb (origin/master) Added test line for diff
10bf9 Added branchfile.txt in GitNewBranch
dd22d Added .gitignore to ignore log files and logs folder
dace Added welcome file
      janBDESKTOP-AVSIZT3 MINGW64 -/GitDemo (master)
git push origin master
umerating objects: 10, done.
unting objects: 10, done.
lta compression using up to 4 threads
that compression using up to 4 threads
sing objects: 100% (10/10), done.
lta compressing objects of the compression 
        https://github.com/Rachana-Pusuluri/GitDemo.git
180d8cb..c146772 master -> master
```





Hands On 5: Hands-on ID: "Git-T03-HOL_002"

Conclusion:

This is link of GitHub repository where all the changes and hands on are made for checking :

https://github.com/Rachana-Pusuluri/GitDemo/tree/master