

1.Commands are in notepad document.

2.Git Ignore

```
MINGW64:/e/git

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Assignments.txt

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

new@DESKTOP-DNKKBPP MINGW64 /e/git (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:   .gitignore

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

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git add .gitignore

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git commit -m "ignore"
[master ec68004] ignore
1 file changed, 1 insertion(+), 1 deletion(-)

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git status
On branch master
nothing to commit, working tree clean

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$
```

```
MINGW64:/e/git

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        new.exe

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

new@DESKTOP-DNKKBPP MINGW64 /e/git (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:   .gitignore

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

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git add .gitignore

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git commit -m "ignore exe files"
[master 37fdb14] ignore exe files
1 file changed, 2 insertions(+), 1 deletion(-)

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git status
On branch master
nothing to commit, working tree clean

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ |
```

3.1 Branch

```
MINGW64:/e/git
new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ git branch
* master
* new

new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ ls
Assignments.txt  hello.txt  new.exe*  welcome.txt

new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ git status
On branch new
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    hello.txt

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

new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ git add hello.txt

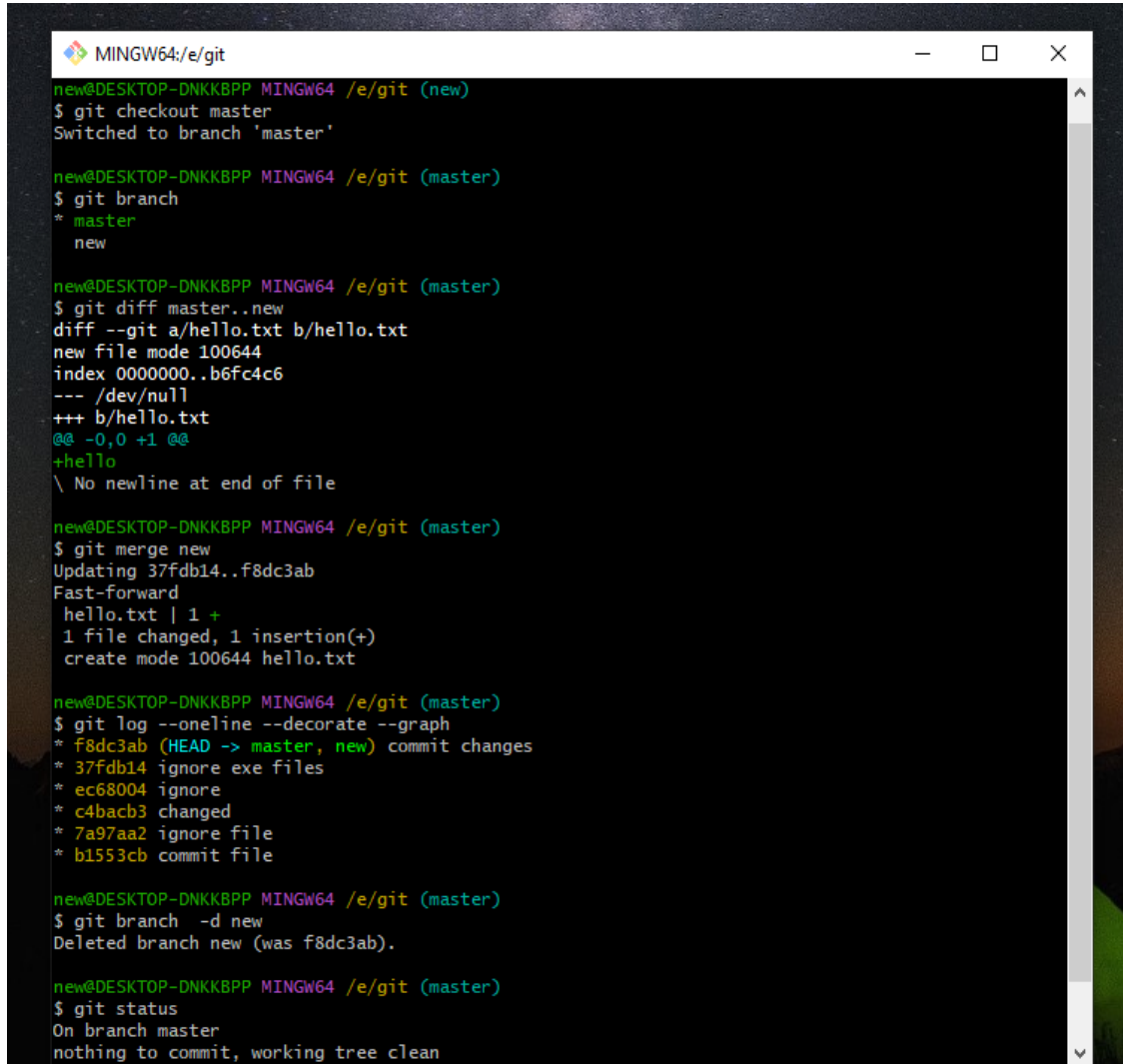
new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ git commit -m "commit changes"
[new f8dc3ab] commit changes
1 file changed, 1 insertion(+)
create mode 100644 hello.txt

new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ git status
On branch new
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Firstdemo/

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

new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ git status
On branch new
nothing to commit, working tree clean
```

3.2 Merge



```
MINGW64:/e/git
new@DESKTOP-DNKKBPP MINGW64 /e/git (new)
$ git checkout master
Switched to branch 'master'

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git branch
* master
  new

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git diff master..new
diff --git a/hello.txt b/hello.txt
new file mode 100644
index 0000000..b6fc4c6
--- /dev/null
+++ b/hello.txt
@@ -0,0 +1 @@
+hello
\ No newline at end of file

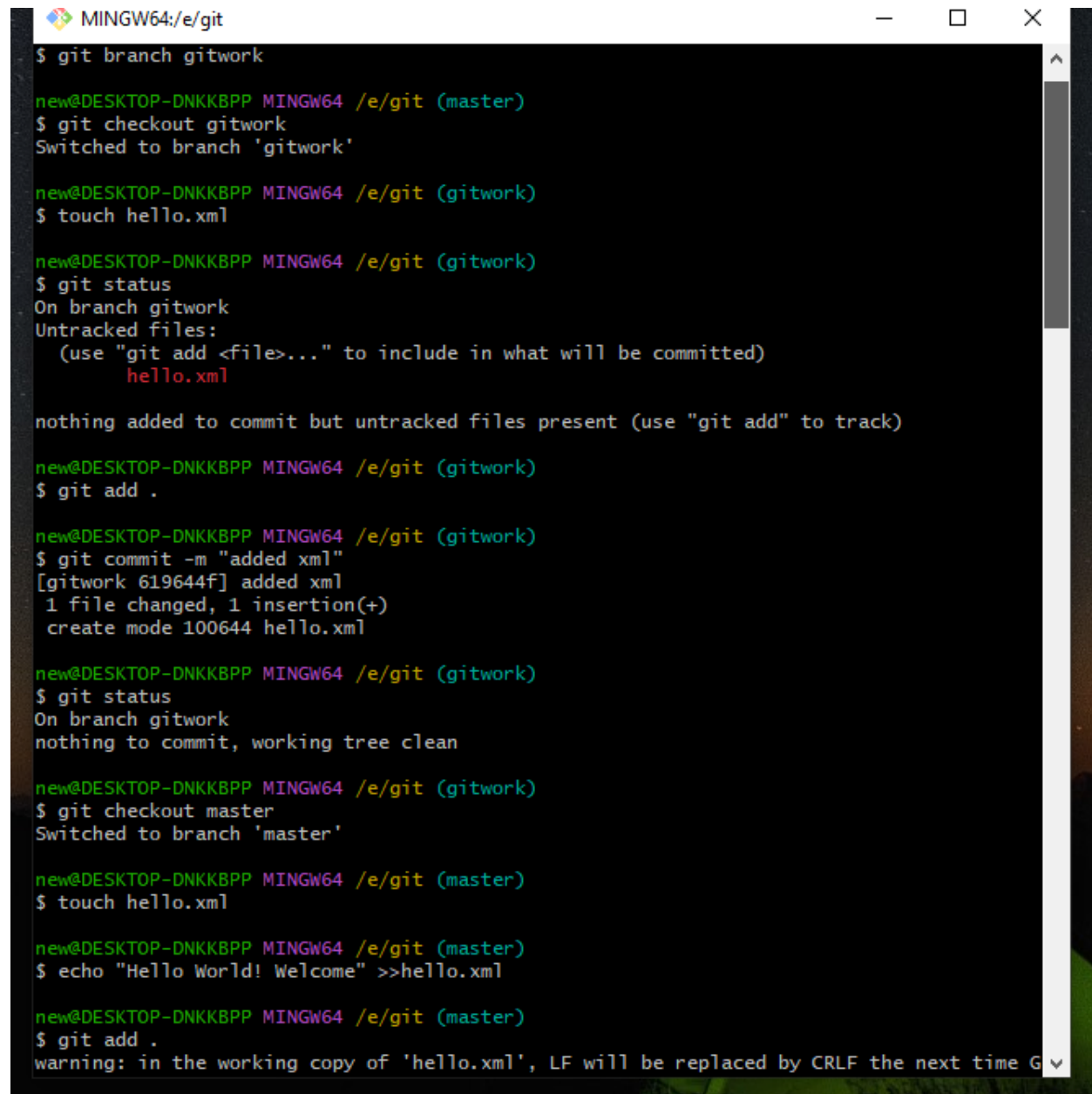
new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git merge new
Updating 37fdb14..f8dc3ab
Fast-forward
 hello.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 hello.txt

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git log --oneline --decorate --graph
* f8dc3ab (HEAD -> master, new) commit changes
* 37fdb14 ignore exe files
* ec68004 ignore
* c4bacb3 changed
* 7a97aa2 ignore file
* b1553cb commit file

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git branch -d new
Deleted branch new (was f8dc3ab).

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git status
On branch master
nothing to commit, working tree clean
```

4. Add new file in new branch and merge it with Master by solving errors



```
MINGW64:/e/git
$ git branch gitwork

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git checkout gitwork
Switched to branch 'gitwork'

new@DESKTOP-DNKKBPP MINGW64 /e/git (gitwork)
$ touch hello.xml

new@DESKTOP-DNKKBPP MINGW64 /e/git (gitwork)
$ git status
On branch gitwork
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        hello.xml

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

new@DESKTOP-DNKKBPP MINGW64 /e/git (gitwork)
$ git add .

new@DESKTOP-DNKKBPP MINGW64 /e/git (gitwork)
$ git commit -m "added xml"
[gitwork 619644f] added xml
1 file changed, 1 insertion(+)
create mode 100644 hello.xml

new@DESKTOP-DNKKBPP MINGW64 /e/git (gitwork)
$ git status
On branch gitwork
nothing to commit, working tree clean

new@DESKTOP-DNKKBPP MINGW64 /e/git (gitwork)
$ git checkout master
Switched to branch 'master'

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ touch hello.xml

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ echo "Hello World! Welcome" >>hello.xml

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git add .
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time G
```

```
$ git commit
hint: Waiting for your editor to close the file... error: There was a problem with the e
ditor 'vi'.
Please supply the message using either -m or -F option.

new@DESKTOP-DNKK8PP MINGW64 /e/git (master|MERGING)
new@DESKTOP-DNKK8PP MINGW64 /e/git (master|MERGING)
$ git status
On branch master
All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)

Changes to be committed:
  modified:   hello.xml

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:   hello.xml

new@DESKTOP-DNKK8PP MINGW64 /e/git (master|MERGING)
$ git add .

new@DESKTOP-DNKK8PP MINGW64 /e/git (master|MERGING)
$ git commit -m "changed"
[master e59efdb] changed

new@DESKTOP-DNKK8PP MINGW64 /e/git (master)
$ git status
On branch master
nothing to commit, working tree clean

new@DESKTOP-DNKK8PP MINGW64 /e/git (master)
$ vi .gitignore

new@DESKTOP-DNKK8PP MINGW64 /e/git (master)
$ git add .

new@DESKTOP-DNKK8PP MINGW64 /e/git (master)
$ git commit -m "added git ignore"
[master f7add39] added git ignore
1 file changed, 1 insertion(+), 1 deletion(-)

new@DESKTOP-DNKK8PP MINGW64 /e/git (master)
```

```
MINGW64:/e/git

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git branch
  gitwork
* master

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git branch -d gitwork
Deleted branch gitwork (was 619644f).

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git log --oneline --decorate --graph
* f7add39 (HEAD -> master) added git ignore
* e59efdb changed'
| \
| * 619644f added xml
^ | bc1309f add changes
| /
* f8dc3ab commit changes
* 37fdb14 ignore exe files
* ec68004 ignore
* c4bacb3 changed
* 7a97aa2 ignore file
* b1553cb commit file

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git status
On branch master
nothing to commit, working tree clean
```

5. Pull and Push changes

```
MINGW64:/e/git

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git pull origin master
From https://github.com/Tejaswinideena/Gitrepository
 * branch      master      -> FETCH_HEAD
Already up to date.

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git push origin master
Everything up-to-date

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$ git status
On branch master
nothing to commit, working tree clean

new@DESKTOP-DNKKBPP MINGW64 /e/git (master)
$
```