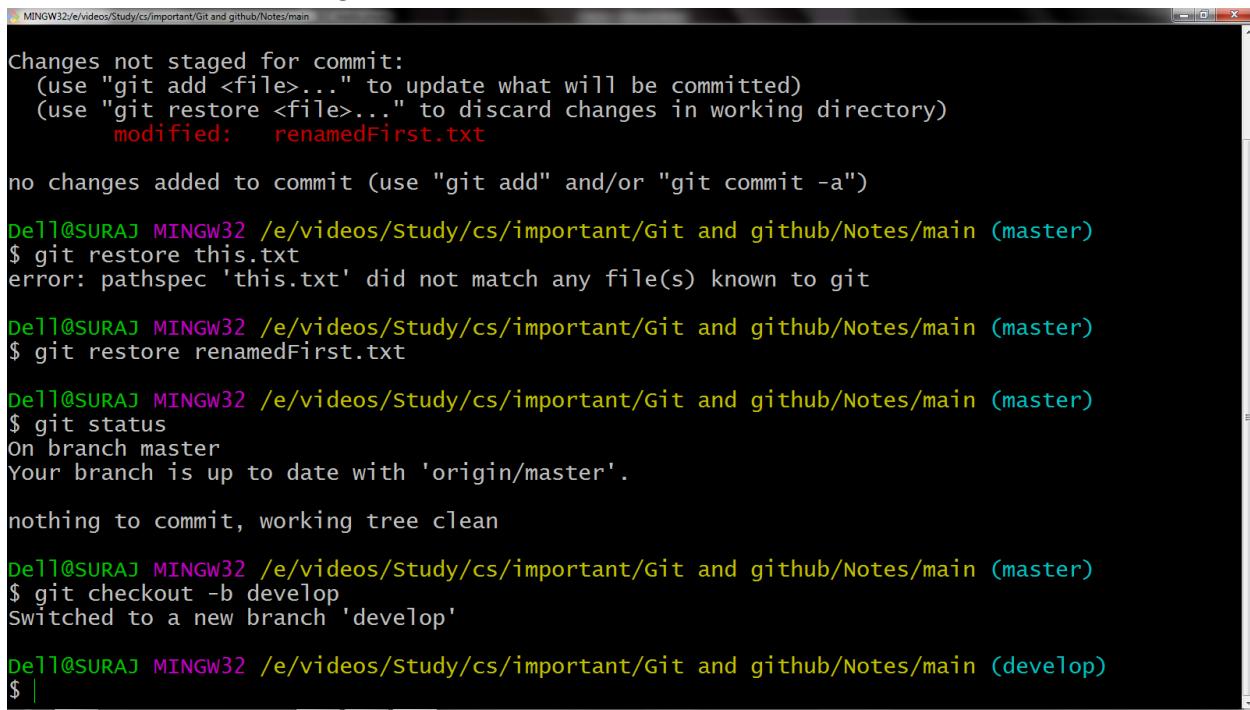


A branch can also have a branch.

To create a new branch → “git checkout -b branchName”



```
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:   renamedFirst.txt

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git restore this.txt
error: pathspec 'this.txt' did not match any file(s) known to git

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git restore renamedFirst.txt

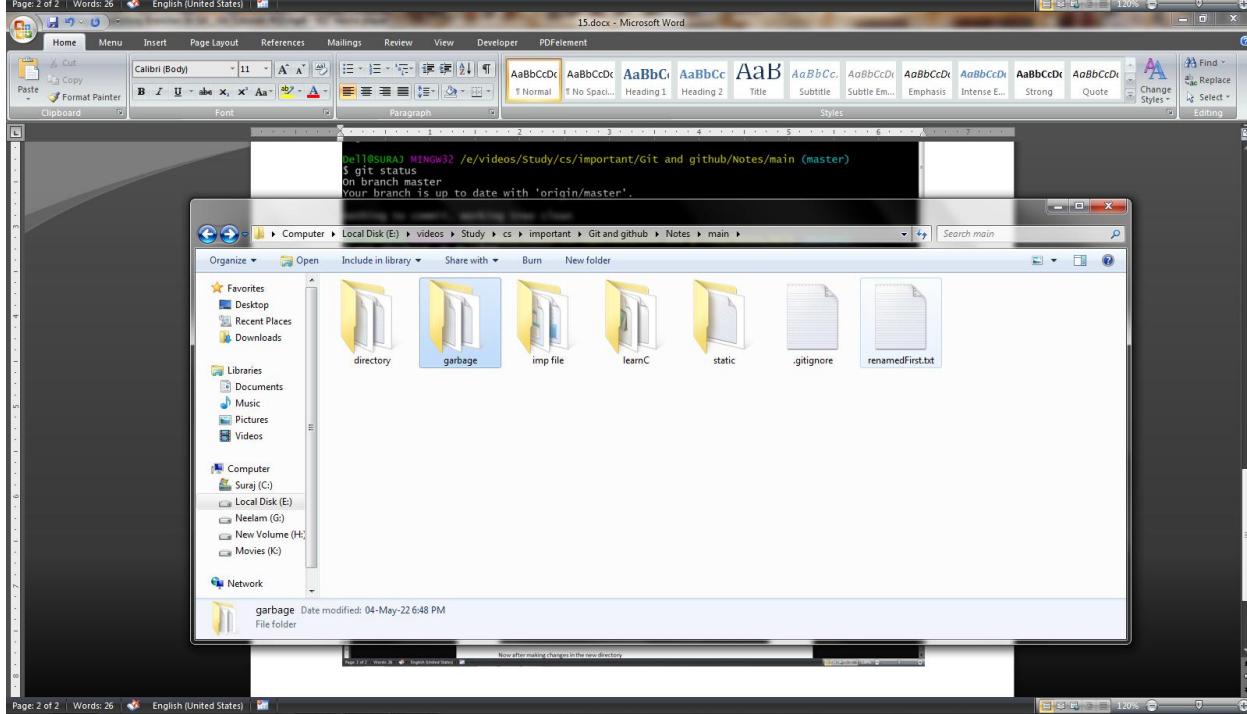
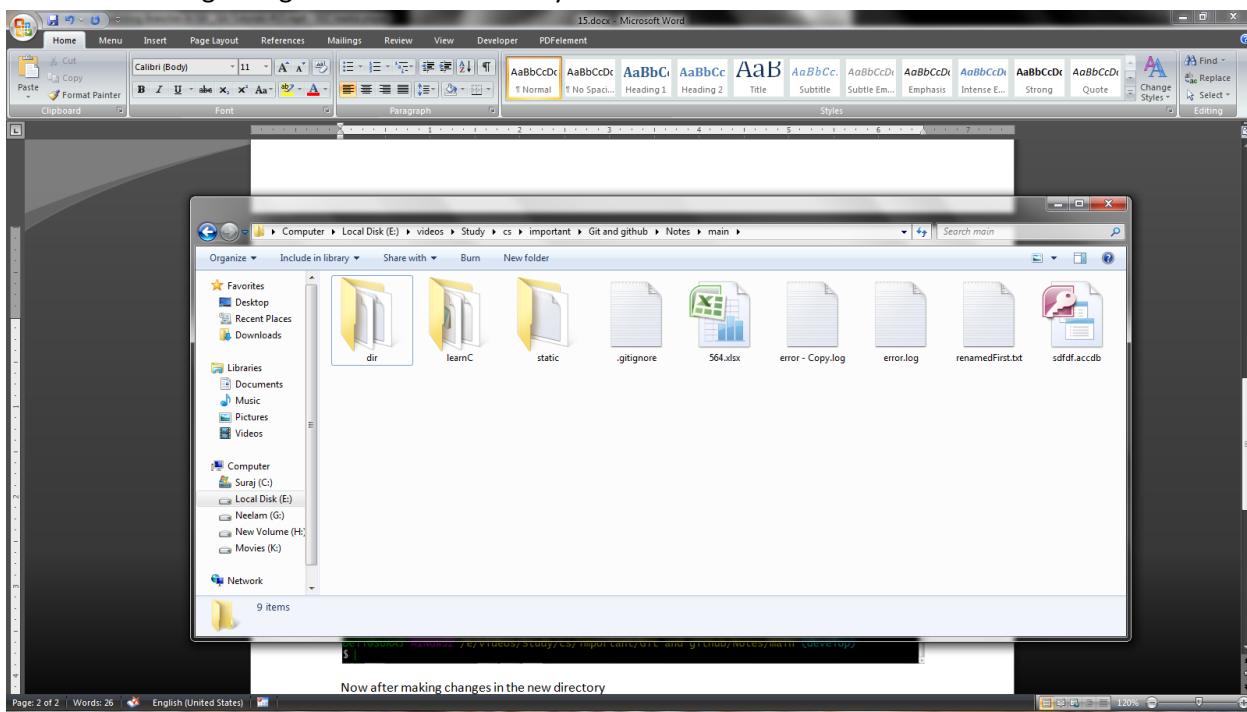
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git checkout -b develop
Switched to a new branch 'develop'

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ |
```

Now after making changes in the new directory



Then staged those changes

```
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git checkout -b develop
Switched to a new branch 'develop'

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git status
On branch develop
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      deleted:   564.xlsx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    imp file/

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ |

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git status
On branch develop
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      deleted:   564.xlsx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    imp file/

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git add .

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git status
On branch develop
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    renamed:   564.xlsx -> imp file/564.xlsx

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ |
```

and then commit changes "git commit -m "message""

```
MINGW32/e/videos/Study/cs/important/Git and github/Notes/main
(use "git restore <file>..." to discard changes in working directory)
  deleted:  564.xlsx

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    imp file/

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

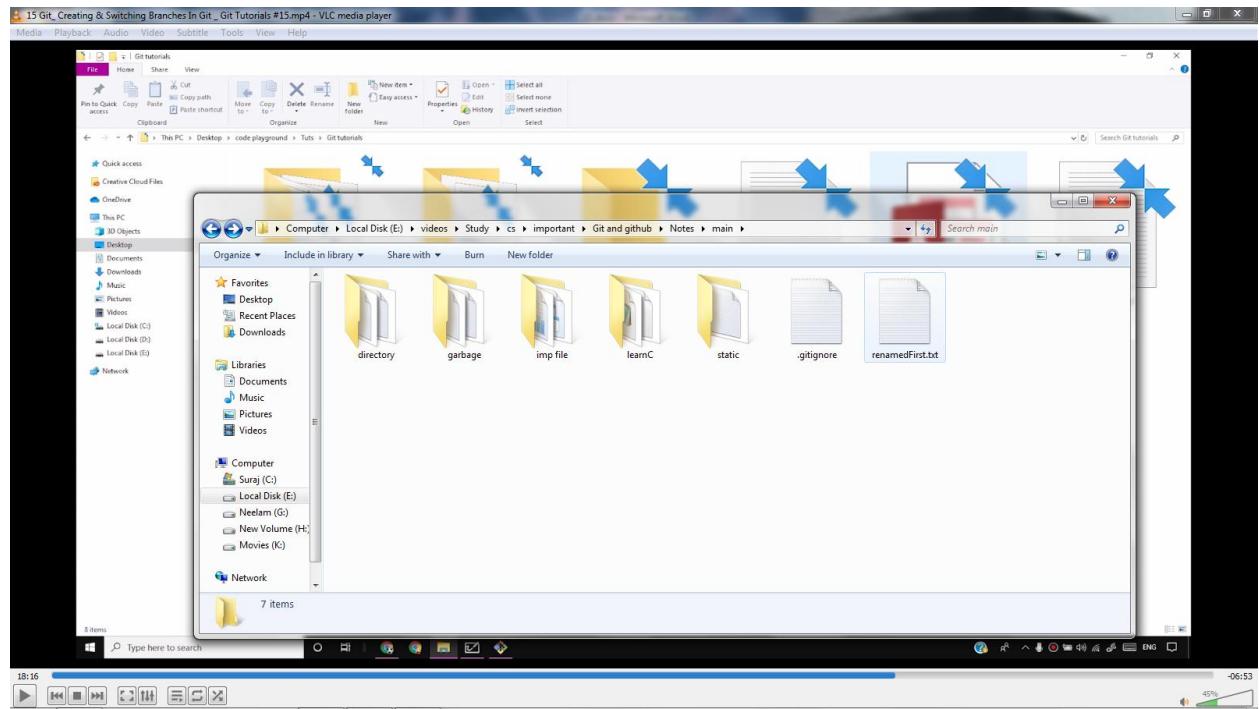
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git add .

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git status
On branch develop
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    renamed:  564.xlsx -> imp file/564.xlsx

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git commit -m "new branch changes"
[develop 620d10a] new branch changes
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename 564.xlsx => imp file/564.xlsx (100%)

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ |
```

To go back to master branch → "git checkout master"



```
MINGW32/e/videos/Study/cs/important/Git and github/Notes/main
imp file/
no changes added to commit (use "git add" and/or "git commit -a")

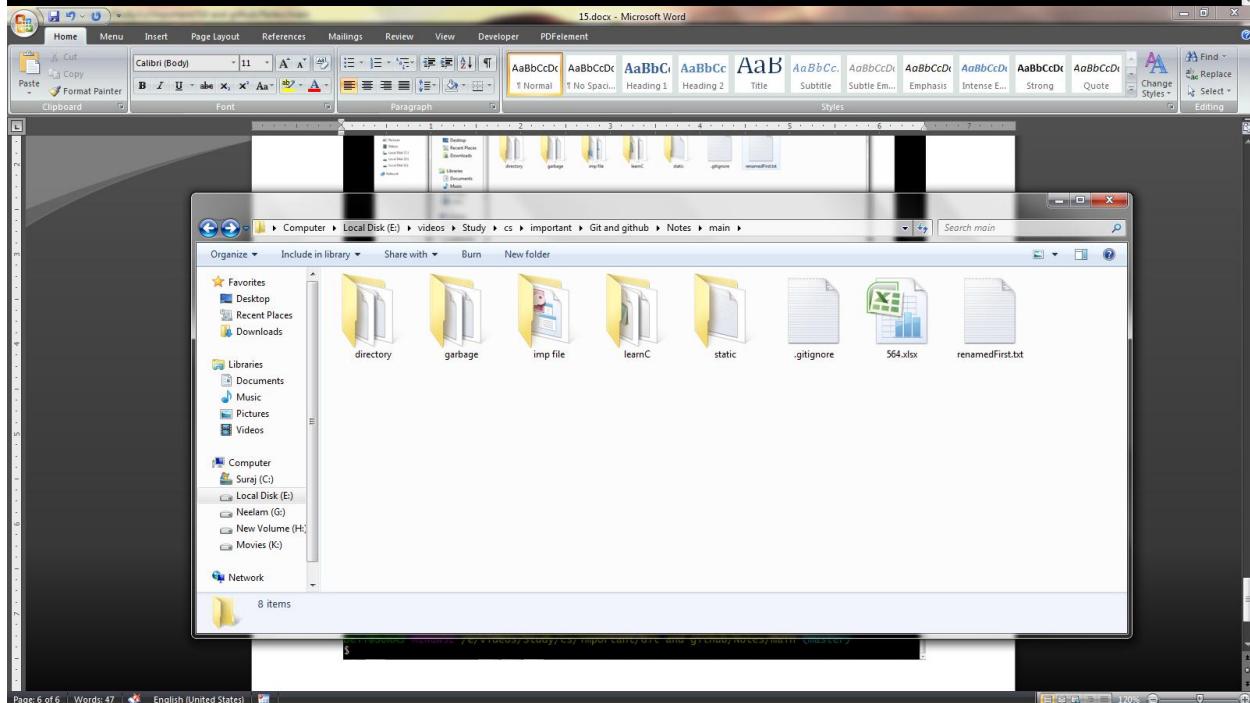
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git add .

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git status
On branch develop
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    renamed:   564.xlsx -> imp file/564.xlsx

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git commit -m "new branch changes"
[develop 620d10a] new branch changes
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename 564.xlsx => imp file/564.xlsx (100%)

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (develop)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

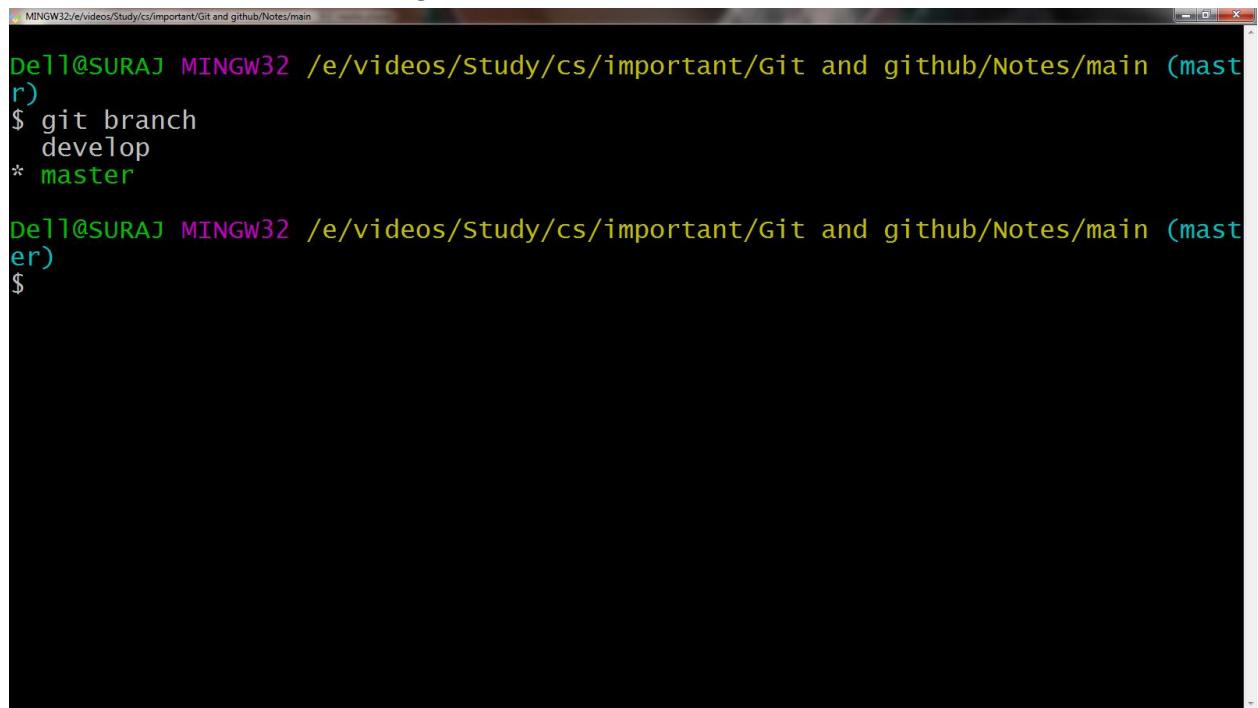
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$
```



some files will not be changed as they are put in .gitignore

After creating a branch to shift to that branch → “git checkout branchName”

To show all created branches → “git branch”



Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
\$ git branch
 develop
* master

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
\$

A screenshot of a terminal window titled "MINGW32" showing the command "git branch". The output lists two branches: "develop" and "master", with "master" being the current branch indicated by an asterisk (*). The terminal window has a black background and white text.