

```
r)
$ git status
On branch master

No commits yet

Changes to be committed:
(use "git rm --cached <file>..." to unstage)
  new file:  564.xlsx
  new file:  first.txt
  new file:  sdfdf.accdb

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -m "first commit"
[master (root-commit) d98a84f] first commit
 3 files changed, 1 insertion(+)
 create mode 100644 564.xlsx
 create mode 100644 first.txt
 create mode 100644 sdfdf.accdb

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

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

How to generate/create files using git bash?

Type “touch filename.extension”

```
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -m "first commit"
[master (root-commit) d98a84f] first commit
 3 files changed, 1 insertion(+)
 create mode 100644 564.xlsx
 create mode 100644 first.txt
 create mode 100644 sdfdf.accdb

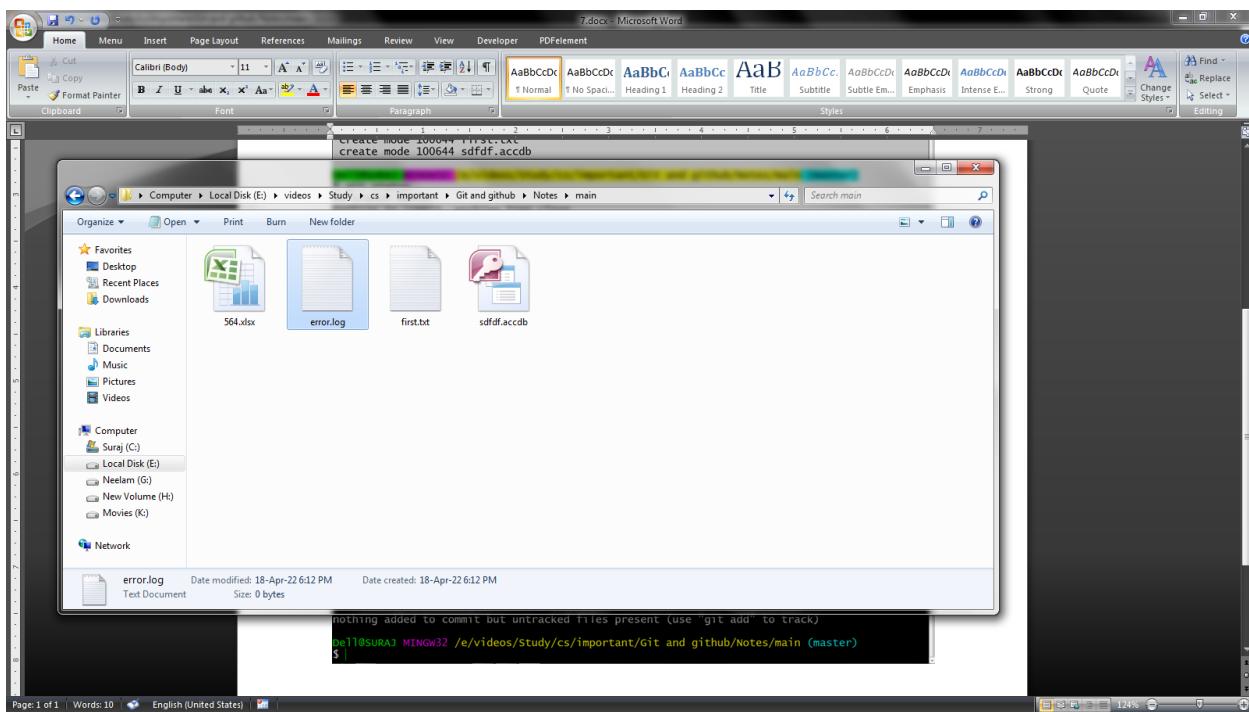
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ touch error.log

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    error.log

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

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



add some content in that new generated file and save it

If we do not want to track a particular file. Firstly, create a ".gitignore" file

```

MINGW32:/e/videos/Study/cs/important/Git and github/Notes/main
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ touch error.log

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    error.log

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

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

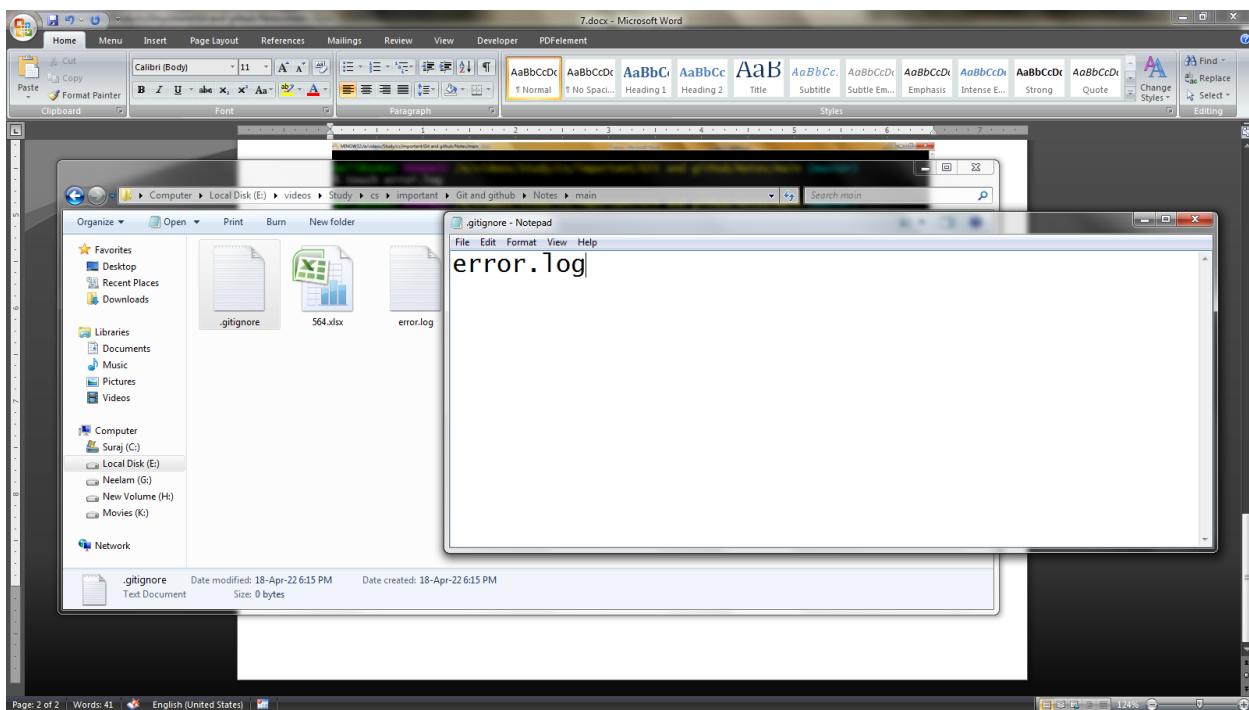
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
    error.log

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

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

```

Now write filename.extension in .gitignore file



Now error.log will not be traced

```
MINGW32:/e/videos/Study/cs/important/Git and github/Notes/main
error.log

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

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore
    error.log

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore

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

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

Now add these to staging area → “git add --a”

```
MINGW32/e/videos/Study/cs/important/Git and github/Notes/main
(use "git add <file>..." to include in what will be committed)
  .gitignore
  error.log

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore

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

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

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

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

Now even if we change error.log file it will not be shown here as it was ignored

```
MINGW32:/e/videos/Study/cs/important/Git and github/Notes/main
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .gitignore

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

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

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

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

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

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -m "added gitignore"
[master 5a11fb4] added gitignore
 1 file changed, 1 insertion(+)
 create mode 100644 .gitignore

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

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

If we want to ignore any file with particular extension. For example – “.log” then we type “*.log” in “.gitignore” file

```
MINGW32/e/videos/Study/cs/important/Git and github/Notes/main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -m "added gitignore"
[master 5a11fb4] added gitignore
 1 file changed, 1 insertion(+)
 create mode 100644 .gitignore

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

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

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

If we create any folder it will also be tracked in that particular directory

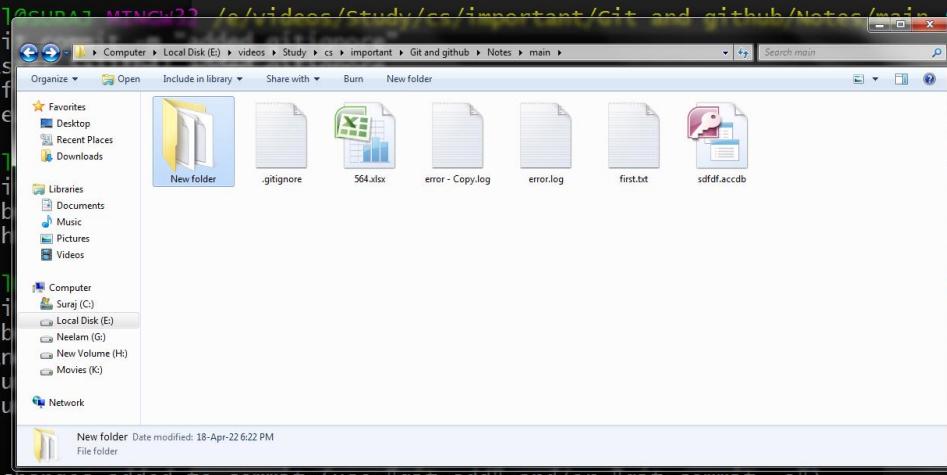
```
MINGW32/e/videos/Study/cs/important/Git and github/Notes/main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git add .
On branch master
Changes to be committed:
  (use "git commit -a" to commit these changes)

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
  changes to be committed:
    (use "git commit -a" to commit these changes)

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



If we create any folder it will also be tracked in that particular directory

type folder name in .gitignore file to ignore that one also

```

MINGW32/e/videos/Study/cs/important/Git and github/Notes/main
(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")

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ cd
$ 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")
$ ls
564.xlsx  dir/  'error - Copy.log'  error.log  first.txt  sdfdf.accdb
$ pwd
/e/videos/Study/cs/important/Git and github/Notes/main

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ ls
564.xlsx  dir/  'error - Copy.log'  error.log  first.txt  sdfdf.accdb
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ pwd
/e/videos/Study/cs/important/Git and github/Notes/main

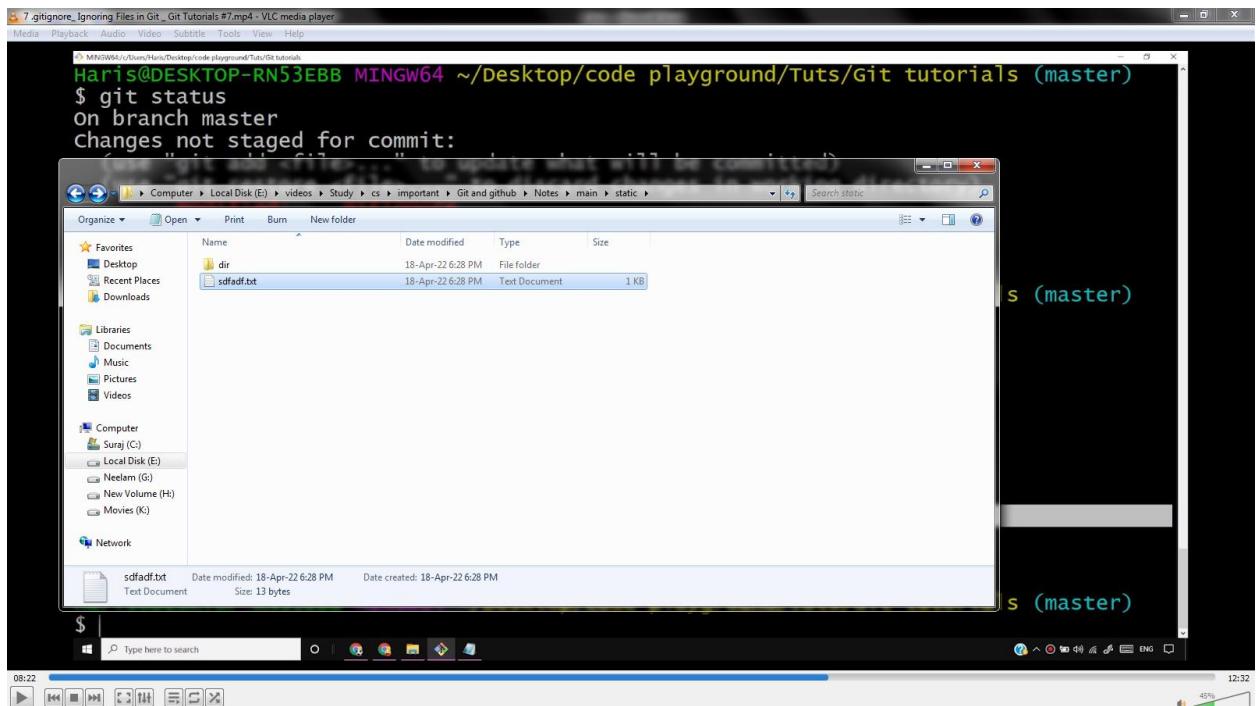
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   .gitignore
no changes added to commit (use "git add" and/or "git commit -a")

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

```

Git ignore blank folder by default.

If we make one more folder and add content in it



it will show that new static folder is untracked and it will also ignore if same folder is created inside another folder whose name is already been placed in .gitignore

The screenshot shows a terminal window with two separate sessions. The top session is on a Dell laptop with the command '\$ git status' and its output:

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

The bottom session is also on a Dell laptop with the command '\$ git status' and its output:

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

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

Both sessions show identical outputs for the 'git status' command.

so again we have to add these newly created files to staging area

```
MINGW32/e/videos/Study/cs/important/Git and github/Notes/main
(use "git add <file>..." to include in what will be committed)
  static/

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 add --a

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -m "added static"
[master b6a315d] added static
  2 files changed, 3 insertions(+), 1 deletion(-)
  create mode 100644 static/sdfadf.txt

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git sttus
git: 'sttus' is not a git command. see 'git --help'.

The most similar command is
  status

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

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

Now even if change anything in dir folder in static it will not affect git i.e. any folder with name "dir" will be ignored

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

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git commit -m "added static"
[master b6a315d] added static
  2 files changed, 3 insertions(+), 1 deletion(-)
  create mode 100644 static/sdfadf.txt

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git sttus
git: 'sttus' is not a git command. see 'git --help'.

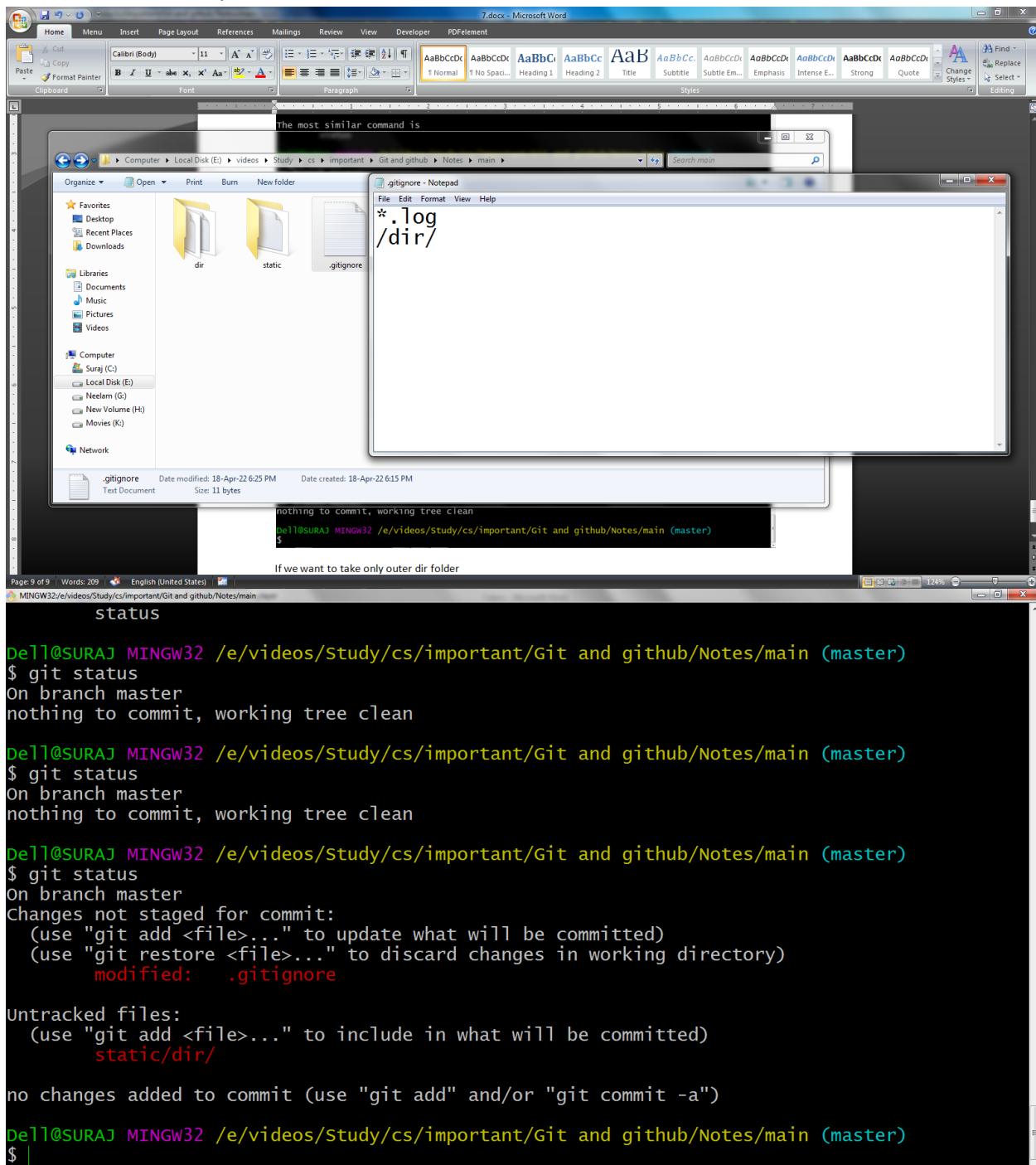
The most similar command is
  status

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

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

If we want to take only outer dir folder



If we only want to ignore dir inside static

The screenshot shows a Windows desktop environment. At the top, there is a VLC media player window titled "7.gitignore_Ignoring Files in Git_Git Tutorials #7.mp4 - VLC media player". Below it are two Notepad windows. The left one is titled ".gitignore - Notepad" and contains the following text:

```
*.log
dir/
static/dir
```

The right Notepad window is also titled ".gitignore - Notepad" and contains the same text:

```
*.log
dir/
static/dir
```

Below these windows is a terminal window with a black background and white text. It shows the following command-line session:

```
Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and github/Notes/main (master)
$ git status
On branch master
nothing to commit, working tree clean

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

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

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 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")

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

At the bottom of the terminal window, the text "as .gitignore is modified by us" is visible.