Steps to follow:

1. Create a directory 'project_dir' & cd to 'project_dir'.

```
MINGW64:/c/Users/dell/project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~
$ mkdir project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~
$ cd project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir
$
```

2. Initialize git version database. (git init)

```
MINGW64:/c/Users/dell/project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir
$ git init
Initialized empty Git repository in C:/Users/dell/project_dir/.git/

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ |
```

3. Create a new file index.html.

```
MINGW64:/c/Users/dell/project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ touch index.html

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

4. Check the git status. You should find index.html as untracked file.

```
MINGW64:/c/Users/dell/project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git status
On branch master

No commits yet

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

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

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```
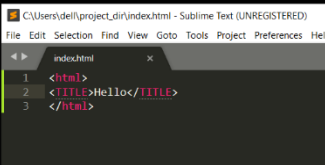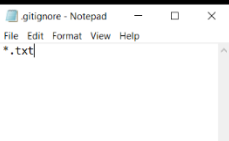
5. Stage the index.html file.

```
MINGW64:/c/Users/dell/project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git add index.html

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ |
```

6. Commit index.html

```
MINGW64:/c/Users/dell/project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git commit -m "index.html is added"
[master (root-commit) d8b7a0e] index.html is added
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 index.html

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

7. Make few changes in index.html & create a new file info.txt file.

```
MINGW64:/c/Users/dell/project_dir

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ touch info.txt

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ |
```

```
C:\Users\dell\project_dir\index.html - Sublime Text (UNREGISTERED)
File  Edit  Selection  Find  View  Goto  Tools  Project  Preferences  Help

  index.html                    ×

1   <html>
2   <TITLE>Hello</TITLE>
3   </html>
```

8. Check git status. You should find index.html & info.txt as untracked files.

```
dell@DESKTOP-7QUFP21 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)
        info.txt

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

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

9. Configure GIT to ignore all txt files.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ touch .gitignore

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

```
.gitignore - Notepad                    —    □    ×
File  Edit  Format  View  Help
*.txt
```

10. Again check the git status. You should find only index.html as untracked file.

```
dell@DESKTOP-7QUFP21 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")

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

11. State & commit index.html

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git add index.html

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git commit -m "modified the index.html"
[master 13a5c84] modified the index.html
 1 file changed, 3 insertions(+)

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

12. Log all your comments so far.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git log
commit 13a5c84c783467b11627cdbae7e18cb192c6732e (HEAD -> master)
Author: rahulreddy <rahulpadala99@gmail.com>
Date:   Sun Jan 10 12:30:22 2021 +0530

    modified the index.html

commit d8b7a0ee112b2ecafc87677d522a40f8f5abc664
Author: rahulreddy <rahulpadala99@gmail.com>
Date:   Sun Jan 10 12:11:40 2021 +0530

    index.html is added

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```
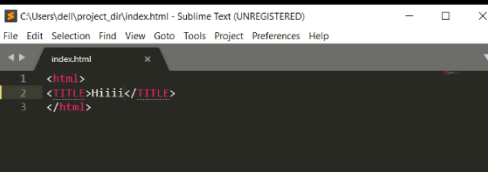
13. Make some changes in index.html.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

```
C:\Users\dell\project_dir\index.html - Sublime Text (UNREGISTERED)    —    □    ×
File  Edit  Selection  Find  View  Goto  Tools  Project  Preferences  Help
  index.html                ×
1  <html>
2  <TITLE>Hiiii</TITLE>
3  </html>
```
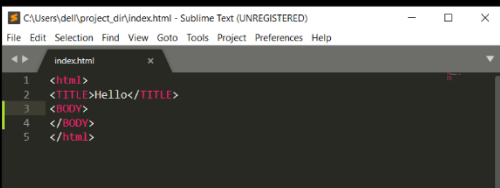
14. Revert the change made in the previous step using git command.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git checkout -- .

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

15. Again change index.html.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git checkout -- .

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

C:\Users\dell\project_dir\index.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

index.html

```
1   <html>
2   <TITLE>Hello</TITLE>
3   <BODY>
4   </BODY>
5   </html>
```

16. Stage index.html

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git add index.html

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

17. Revert back the last stage.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git rm --cached index.html
rm 'index.html'

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

18. Rename 'add' command to 'my-add'.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

19. Using my_add command Stage index.html again & commit the changes.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git my-add index.html

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git commit -m "Updated index 2.0"
[master 0b799da] Updated index 2.0
 1 file changed, 2 insertions(+)

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```

20. Revert the last commit.

```
dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$ git revert HEAD
[master d17efb8] Revert "Updated index 2.0"
 1 file changed, 2 deletions(-)

dell@DESKTOP-7QUFP21 MINGW64 ~/project_dir (master)
$
```