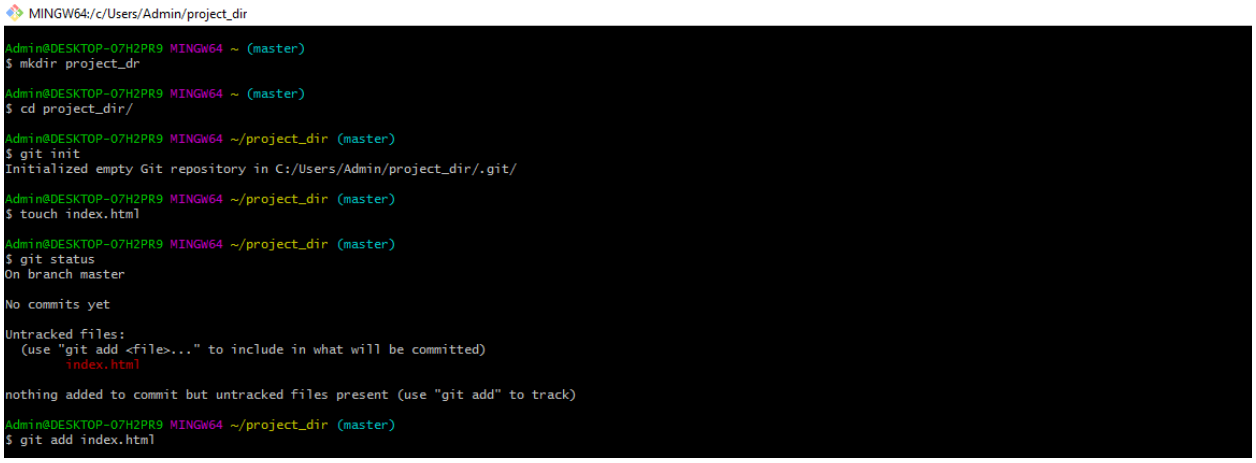
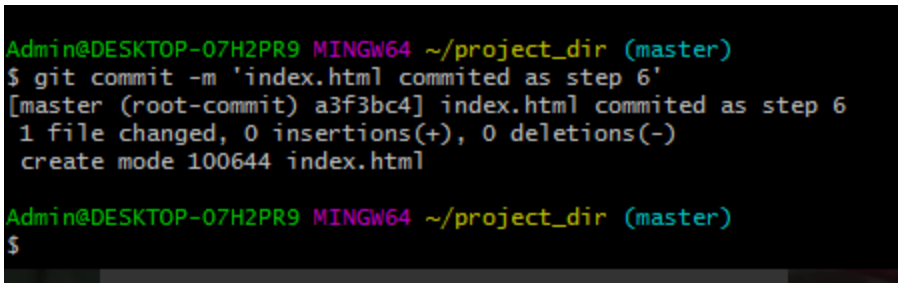
Install GIT & make sure it is added into PATH.

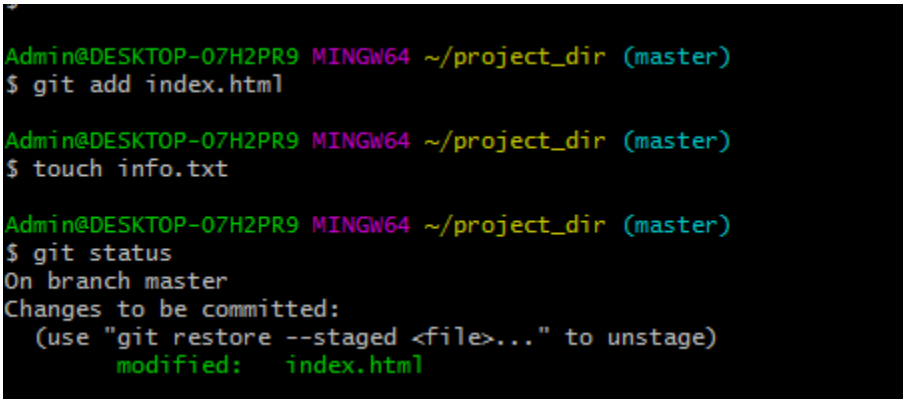
Section 0 -Use GIT as local VCS. Steps to follow:

1. Create a directory ‘project_dir’ & cd to ‘project_dir’.
2. Initialize git version database.(git init)
3. Create a new file index.html.
4. Check the git status. You should find index.html as untracked file.
5. Stage the index.html file.
6. Commit index.html

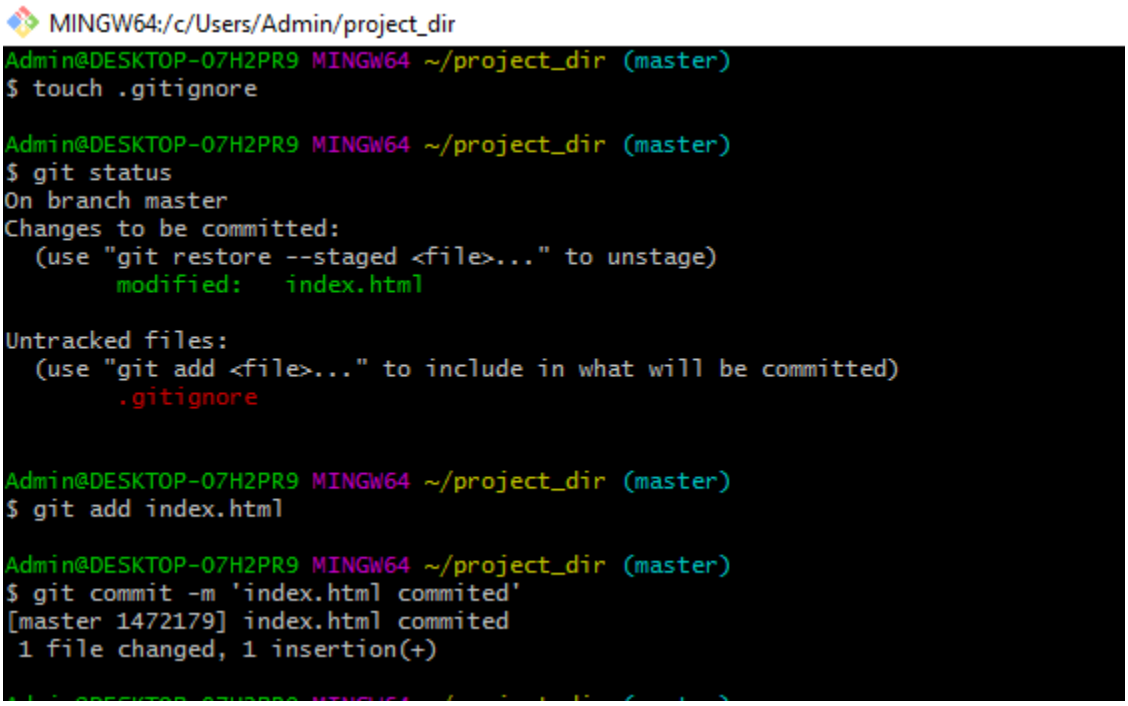




7. Make few changes in index.html & create a new file info.txt file.



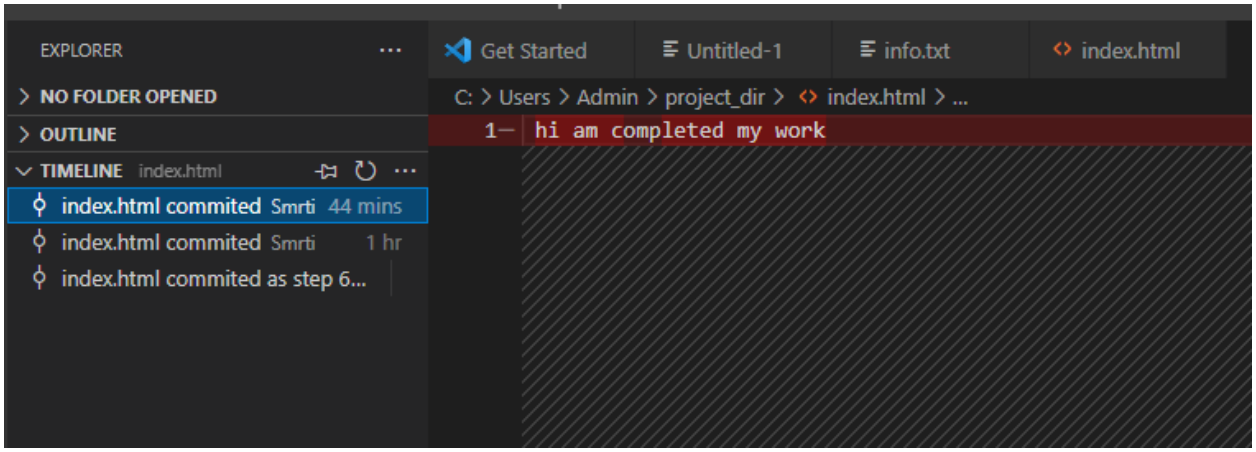
8. Check git status. You should find index.html &info.txt as untracked files.
9. Configure GIT to ignore all txt files.
10. Again check the git status. You should find only index.html as untracked file.
11. State & commit index.html



12. State & commit index.html
13. Log all your comments so far.
14. Make some changes in index.html.Revert the change made in the previous step using git command.

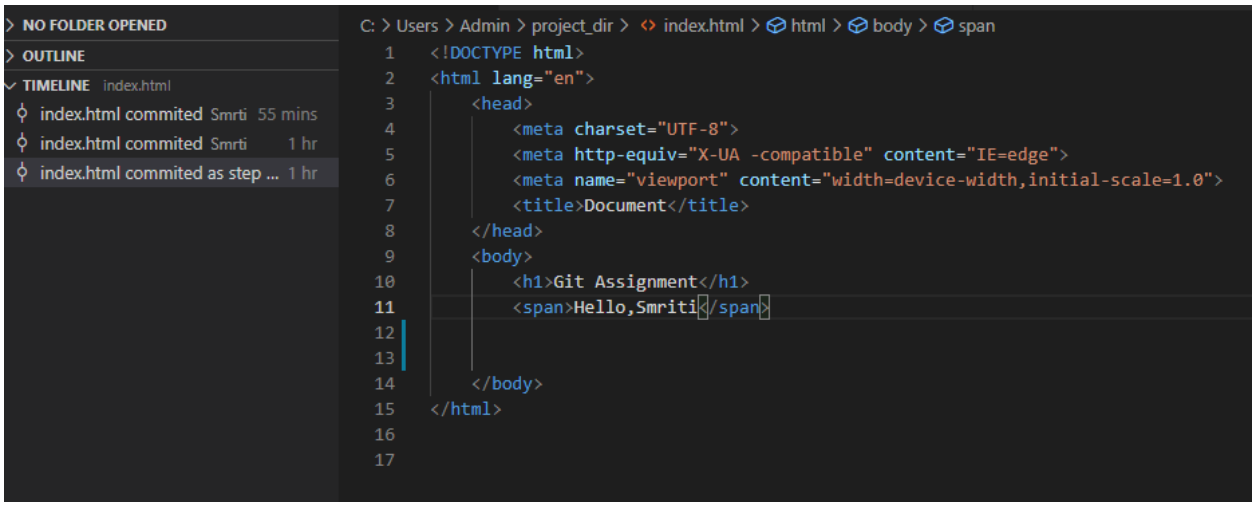
```
Admin@DESKTOP-07H2PR9 MINGW64 ~/project_dir (master)
$ git log
commit 1472179f5ac18aef4e38ec7f9de78e0e1fcce7a0 (HEAD -> master)
Author: Smrti <smrtisandilya14@gmail.com>
Date:   Fri Oct 22 15:44:15 2021 +0530

    index.html commited

commit b653e48f666c85e67383d58886fb1f3c3a52fc62
Author: Smrti <smrtisandilya14@gmail.com>
Date:   Fri Oct 22 15:29:15 2021 +0530

    changes made info.txt

commit 9b2feb352ae108380919af82a37a69adbc51a645
Author: Smrti <smrtisandilya14@gmail.com>
Date:   Fri Oct 22 15:20:29 2021 +0530

    index.html commited as step 6

Admin@DESKTOP-07H2PR9 MINGW64 ~/project_dir (master)
$ git checkout
M       index.html

Admin@DESKTOP-07H2PR9 MINGW64 ~/project_dir (master)
$ git checkout --.
```

13.

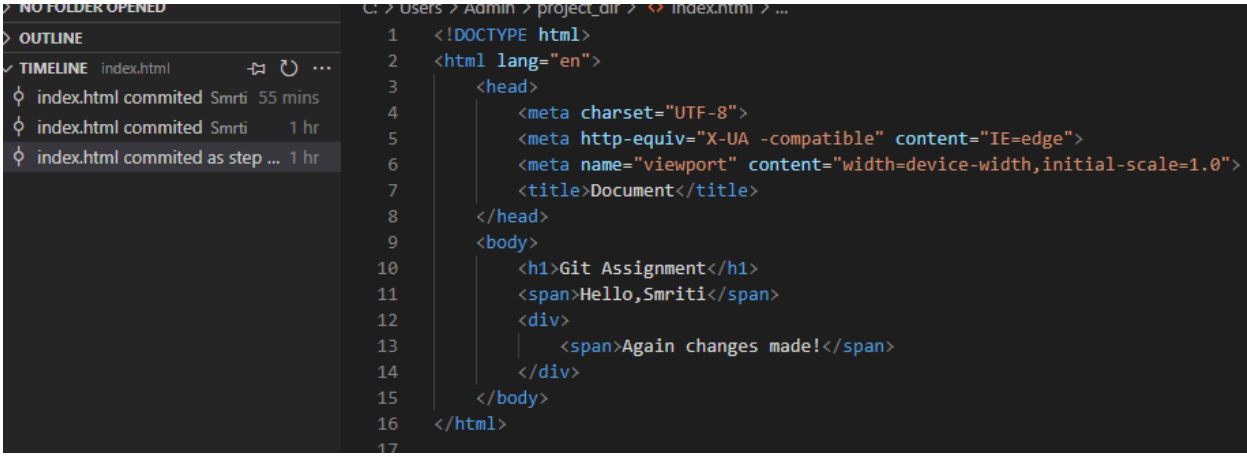


14.

14.



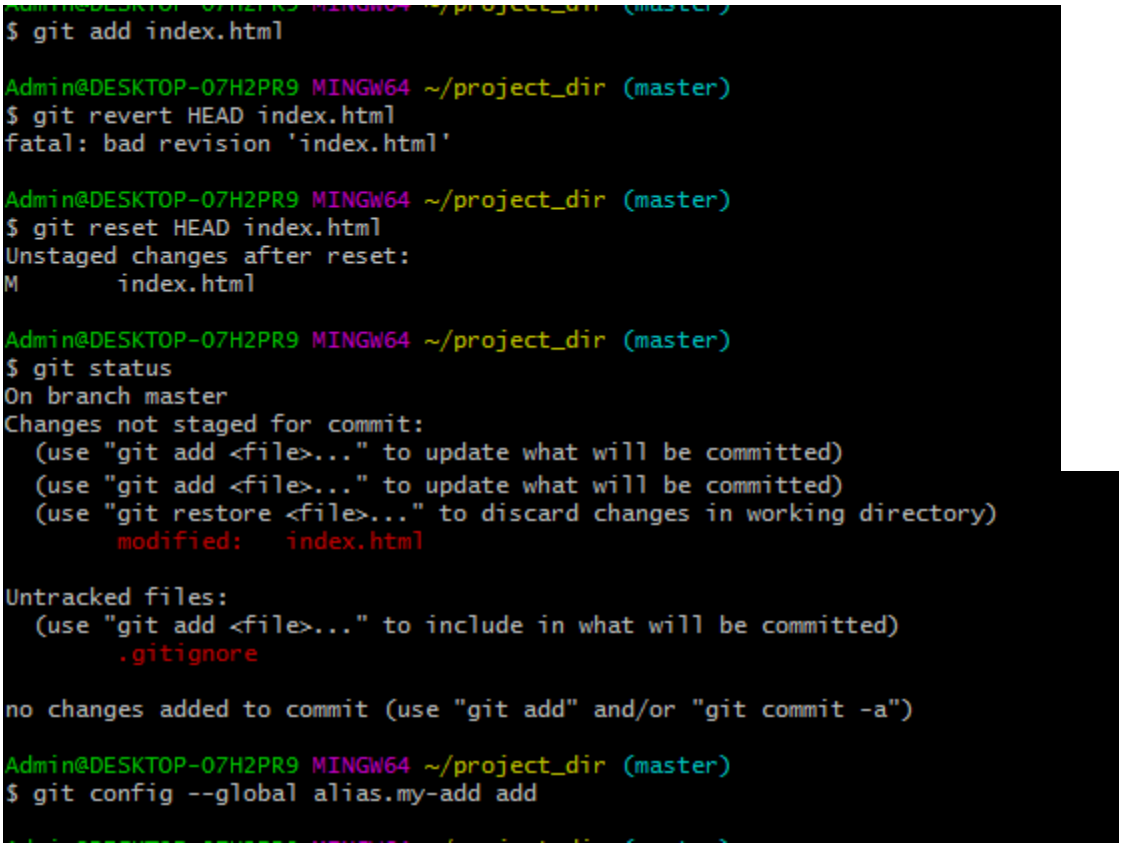
15. Again change index.html.



16.Stage index.html

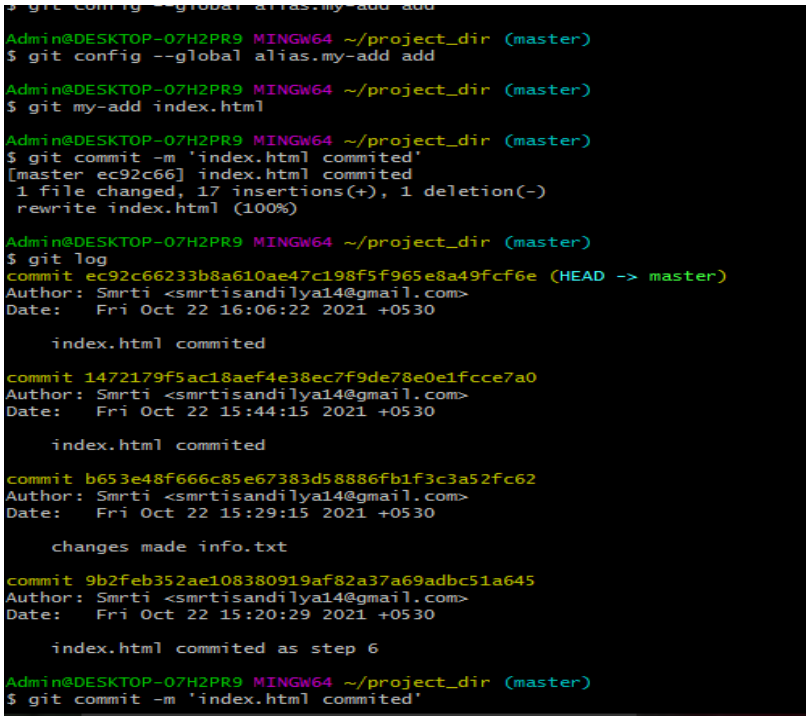
17.Revert back the last stage.

18.Rename ‘add’ command to ‘my-add’.



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

20.Revert the last commit.


$ git config --global alias.my-add add
Admin@DESKTOP-O7H2PR9 MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add
Admin@DESKTOP-O7H2PR9 MINGW64 ~/project_dir (master)
$ git my-add index.html
Admin@DESKTOP-O7H2PR9 MINGW64 ~/project_dir (master)
$ git commit -m 'index.html commited'
[master ec92c66] index.html commited
1 file changed, 17 insertions(+), 1 deletion(-)
rewrite index.html (100%)
Admin@DESKTOP-O7H2PR9 MINGW64 ~/project_dir (master)
$ git log
commit ec92c66233b8a610ae47c198f5f965e8a49fcf6e (HEAD -> master)
Author: Smrti <smrtisandilya14@gmail.com>
Date: Fri Oct 22 16:06:22 2021 +0530
index.html commited
commit 1472179f5ac18aef4e38ec7f9de78e0e1fcce7a0
Author: Smrti <smrtisandilya14@gmail.com>
Date: Fri Oct 22 15:44:15 2021 +0530
index.html commited
commit b653e48f666c85e67383d58886fb1f3c3a52fc62
Author: Smrti <smrtisandilya14@gmail.com>
Date: Fri Oct 22 15:29:15 2021 +0530
changes made info.txt
commit 9b2feb352ae108380919af82a37a69adbc51a645
Author: Smrti <smrtisandilya14@gmail.com>
Date: Fri Oct 22 15:20:29 2021 +0530
index.html commited as step 6
Admin@DESKTOP-O7H2PR9 MINGW64 ~/project_dir (master)
$ git commit -m 'index.html commited'