

Project 4 | 26th January 2021

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LetsUpgrade

Trainer: Mrs. Vinolin Jermiah
Project Name: Gits Project

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Git Project:

Task1: create a repository in github

- Git init

 MINGW64:/c/local Repository/letsupgradeAWS

```
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository
$ git init
Initialized empty Git repository in C:/local Repository/.git/
```

- Both config commands

 MINGW64:/c/local Repository/letsupgradeAWS

```
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository
$ git init
Initialized empty Git repository in C:/local Repository/.git/

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ git config --global user.name bhole-pankaj

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ git config --global user.email pankubhole78@gmail.com
```

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Task2: open git bash and clone contents from remote repository

- clone

 MINGW64:/c/local Repository/letsupgradeAWS

```
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ git clone https://github.com/bhole-pankaj/letsupgradeAWS.git
Cloning into 'letsupgradeAWS'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ git add test.txt
fatal: pathspec 'test.txt' did not match any files

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ git status
On branch master

No commits yet

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

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

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- show the folder in local repository

MINGW64:/c/local Repository/letsupgradeAWS

```
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ create C:\local Repository\letsupgradeAWS
bash: create: command not found

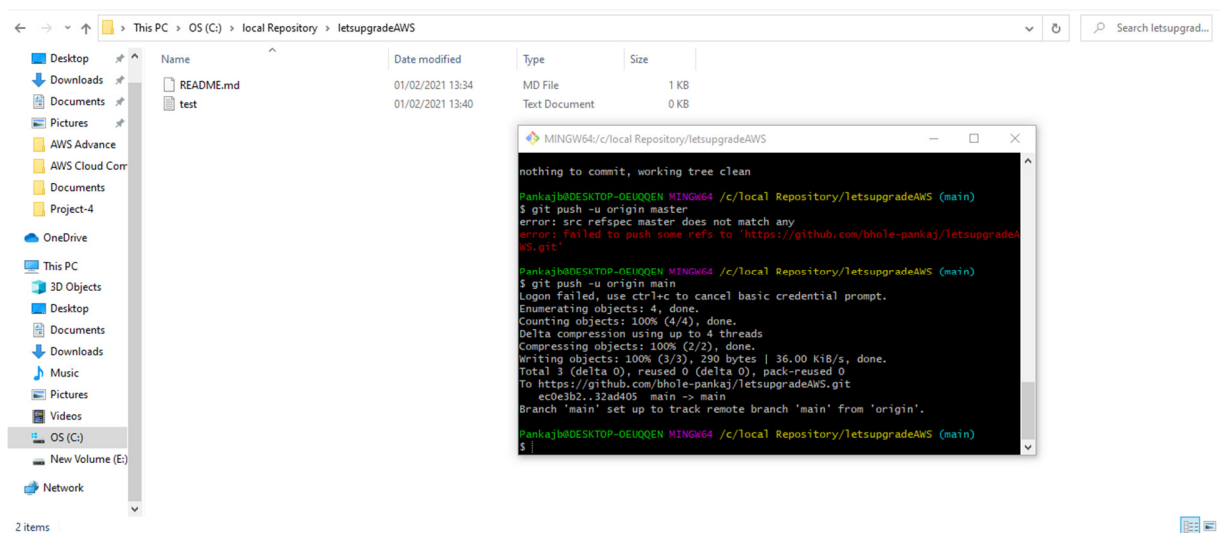
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ git add test.txt
fatal: pathspec 'test.txt' did not match any files

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ cd letsupgradeAWS

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$ ls
README.md

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$ touch test.txt

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$ git add test.txt
```



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Task3: create a file in the local space and push it to the remote repository

- add

 MINGW64:/c/local Repository/letsupgradeAWS

```
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ create C:\local Repository\letsupgradeAWS
bash: create: command not found

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ git add test.txt
fatal: pathspec 'test.txt' did not match any files

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository (master)
$ cd letsupgradeAWS

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$ ls
README.md

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$ touch test.txt

Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$ git add test.txt
```

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- commit

```
MINGW64/c:/local Repository/letsupgradeAWS

Pankajb@DESKTOP-OEUQQEN MINGW64 /c:/local Repository/letsupgradeAWS (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   test.txt

Pankajb@DESKTOP-OEUQQEN MINGW64 /c:/local Repository/letsupgradeAWS (main)
$ git commit
[main 32ad405] Good Morning every one
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test.txt

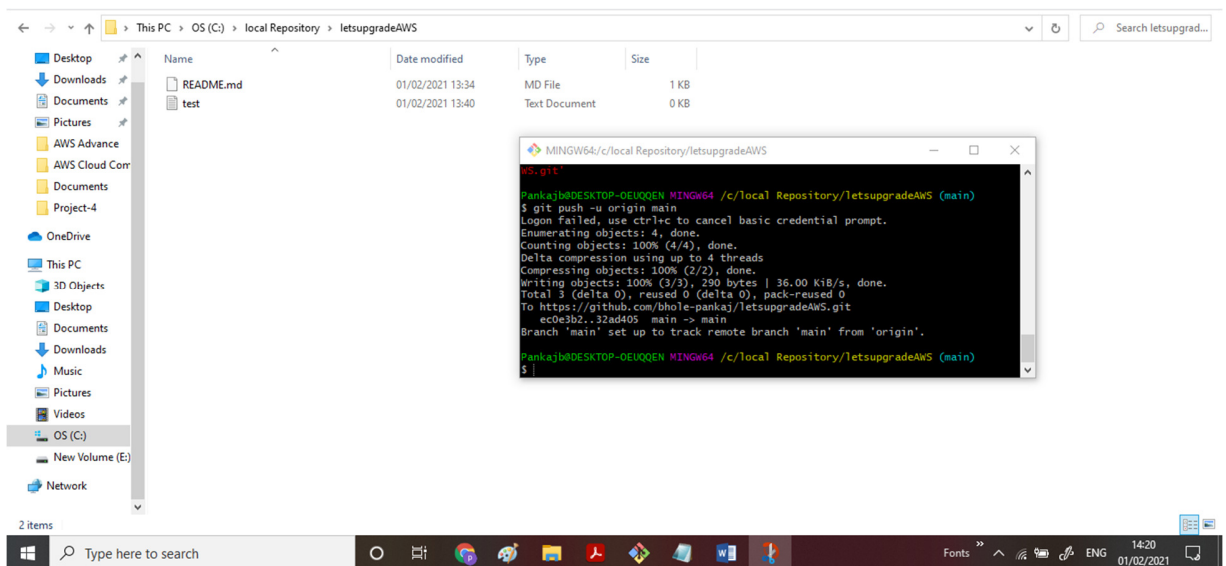
Pankajb@DESKTOP-OEUQQEN MINGW64 /c:/local Repository/letsupgradeAWS (main)
$ git commit -m "First commit" test.txt
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Pankajb@DESKTOP-OEUQQEN MINGW64 /c:/local Repository/letsupgradeAWS (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

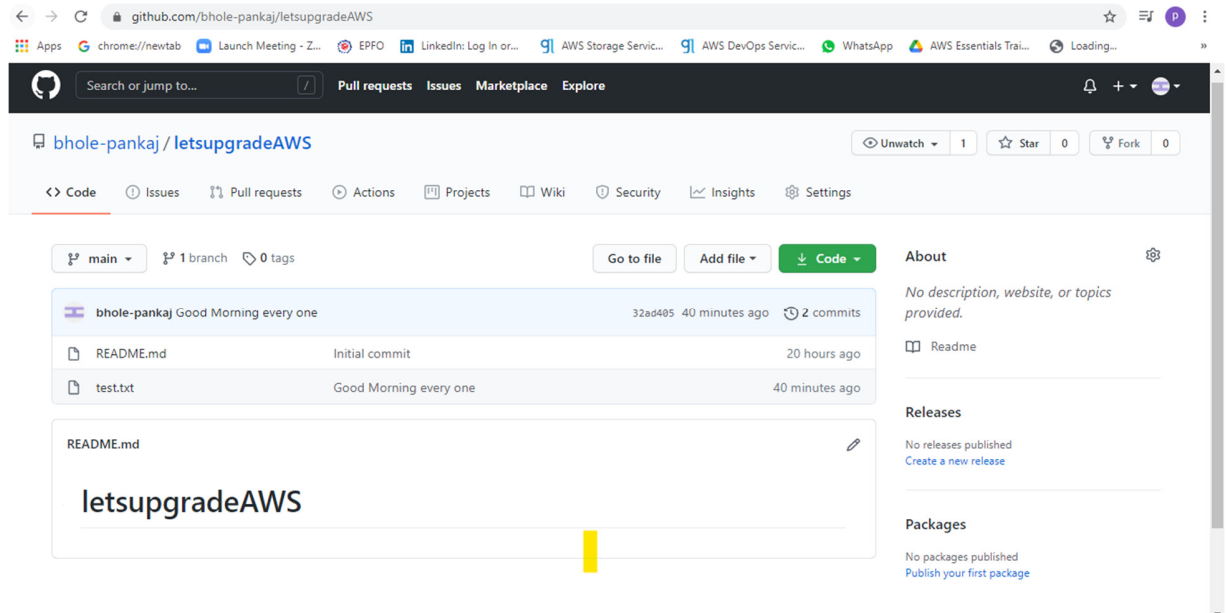
nothing to commit, working tree clean
```

- push successful



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- show the file in remote repository

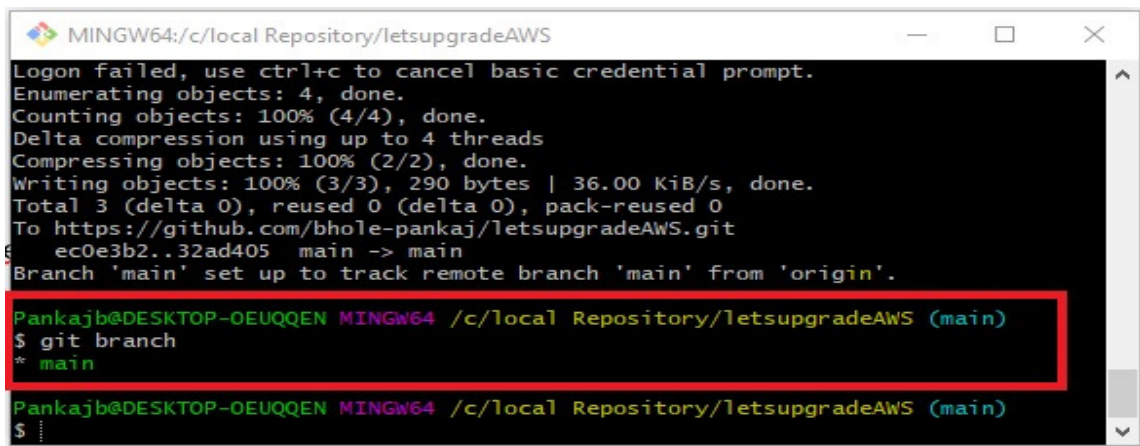


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Task4: Branching and merging execute all commands and add screenshots

Git branching:

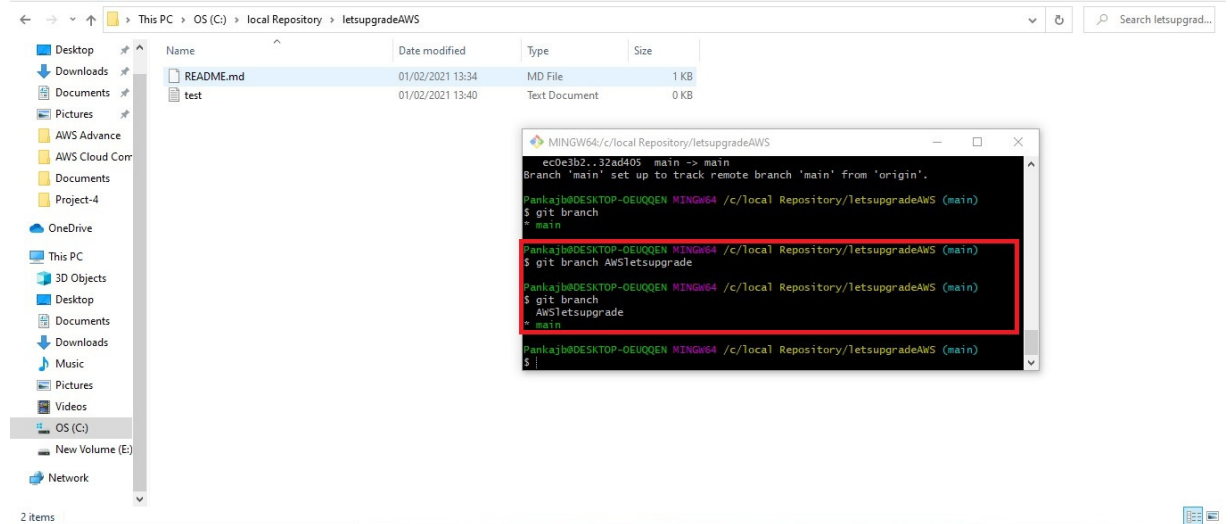
- git branch



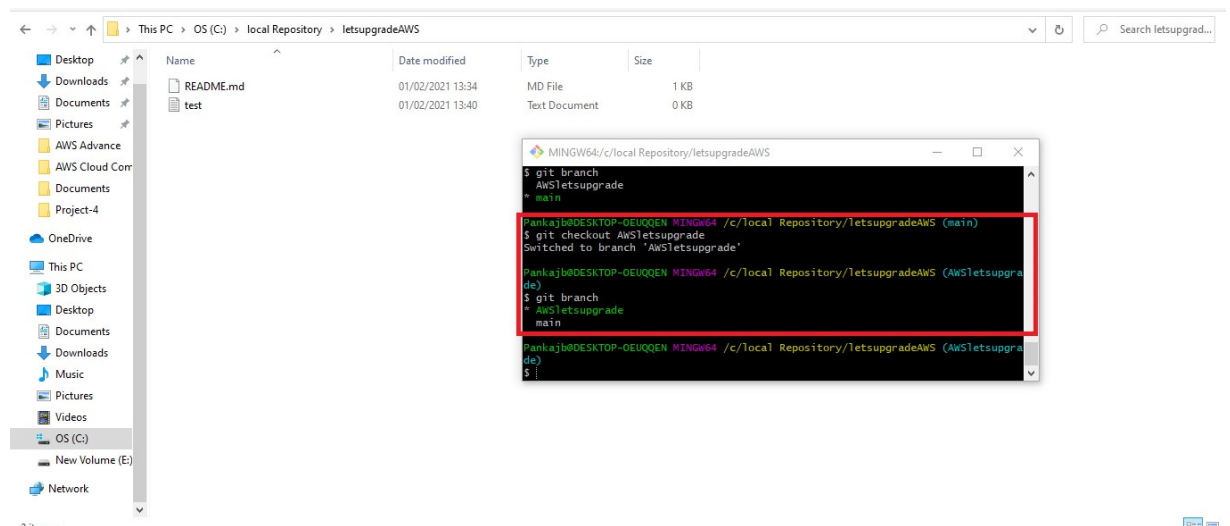
```
MINGW64:/c/local Repository/letsupgradeAWS
Logon failed, use ctrl+c to cancel basic credential prompt.
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 290 bytes | 36.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/bhole-pankaj/letsupgradeAWS.git
ec0e3b2..32ad405 main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$ git branch
* main
Pankajb@DESKTOP-OEUQQEN MINGW64 /c/local Repository/letsupgradeAWS (main)
$
```


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- git branch branchname

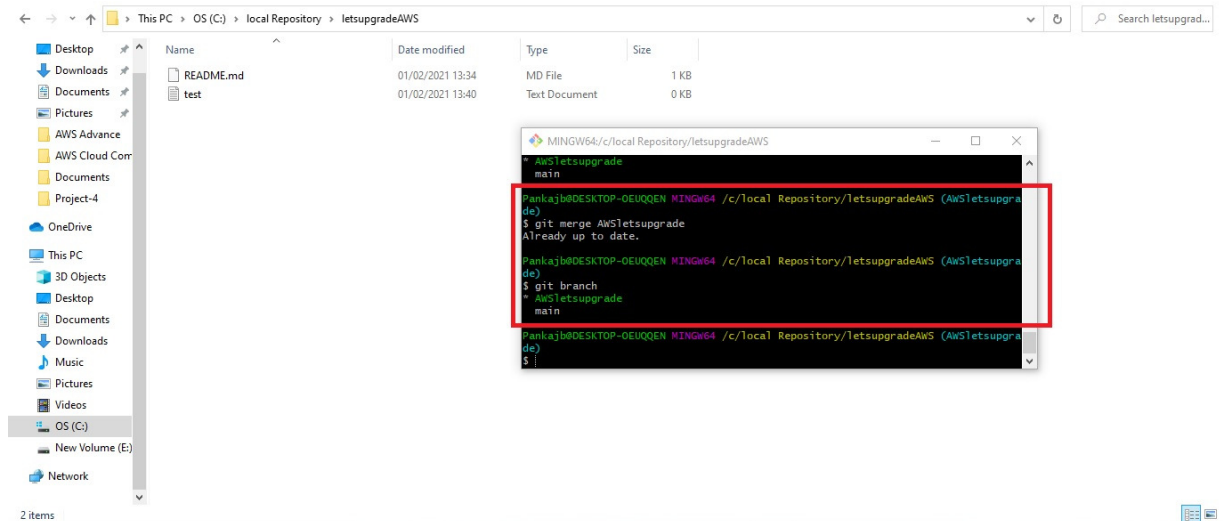


- git checkout branchname

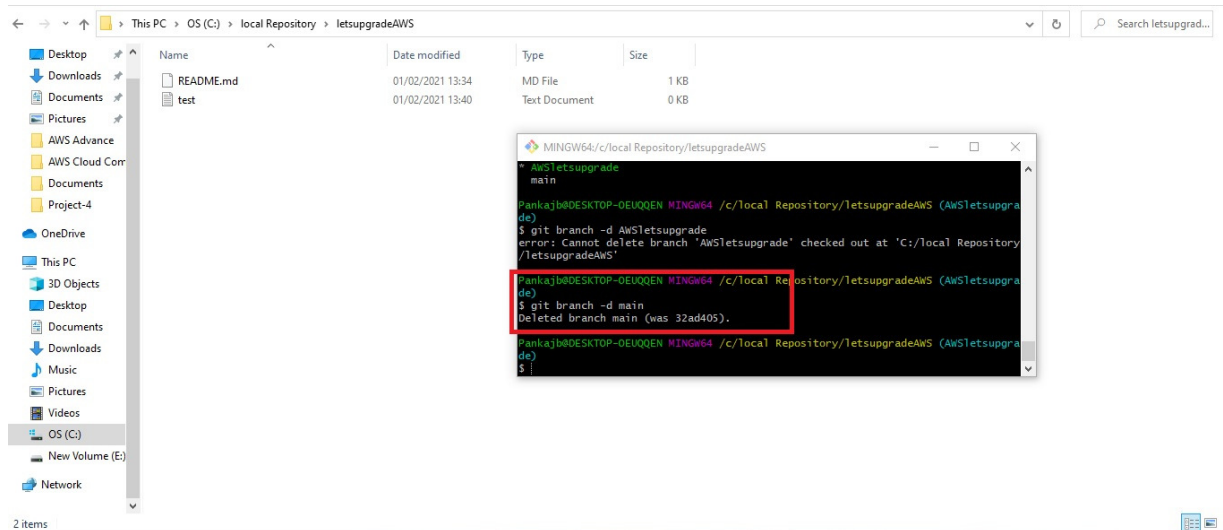


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- git merge branchname

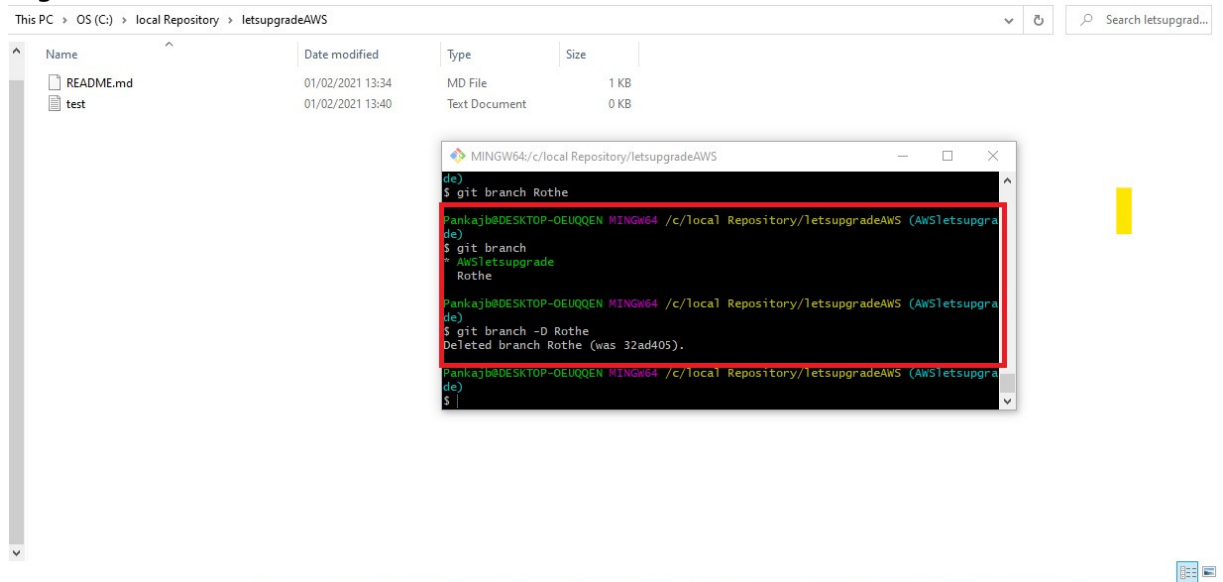


- git branch -d branchname

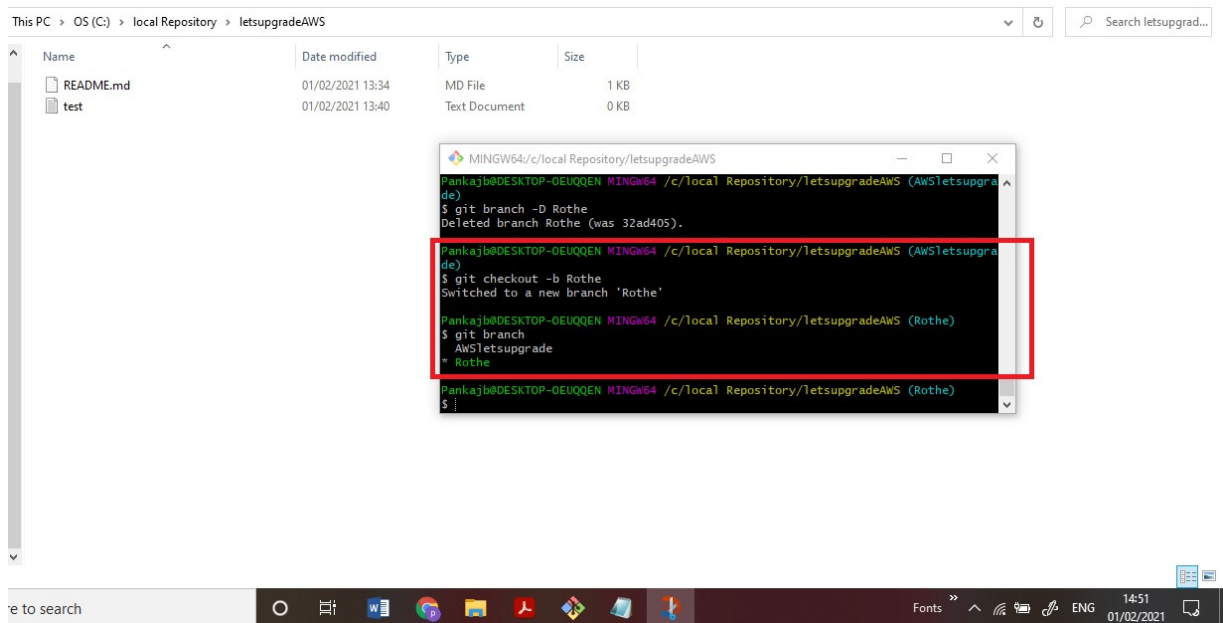


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- git branch -D branchname

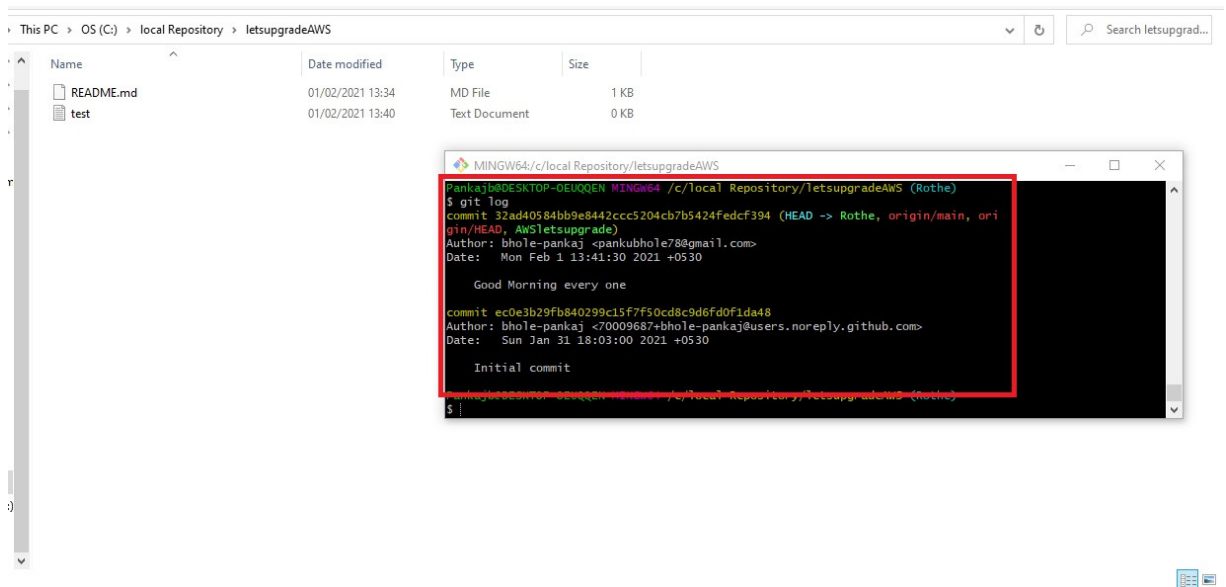


- git checkout -b branchname



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- git log



The screenshot shows a Windows File Explorer window titled 'This PC > OS (C:) > local Repository > letsupgradeAWS'. It displays a file list with columns 'Name', 'Date modified', 'Type', and 'Size'. The files are 'README.md' (1 KB, MD File) and 'test' (0 KB, Text Document). Overlaid on the File Explorer is a terminal window titled 'MINGW64/c:/local Repository/letsupgradeAWS (Rothe)'. The terminal shows the output of the 'git log' command, which lists two commits. The first commit is '32ad40584bb9e8442ccc5204cb7b5424fedcf394' with the message 'Good Morning every one'. The second commit is 'ec0e3b29fb840299c15f7f50cd8c9d6fd0f1da48' with the message 'Initial commit'. The terminal output is as follows:

```
Pankajb8DESKTOP-0EUQQEN MINGW64 /c:/local Repository/letsupgradeAWS (Rothe)
$ git log
commit 32ad40584bb9e8442ccc5204cb7b5424fedcf394 (HEAD -> Rothe, origin/main, ori
git/HEAD, AwStetsupgrade)
Author: bhole-pankaj <pankubhole78@gmail.com>
Date:   Mon Feb 1 13:41:30 2021 +0530

    Good Morning every one

commit ec0e3b29fb840299c15f7f50cd8c9d6fd0f1da48
Author: bhole-pankaj <70009687+bhole-pankaj@users.noreply.github.com>
Date:   Sun Jan 31 18:03:00 2021 +0530

    Initial commit
```

End of the project