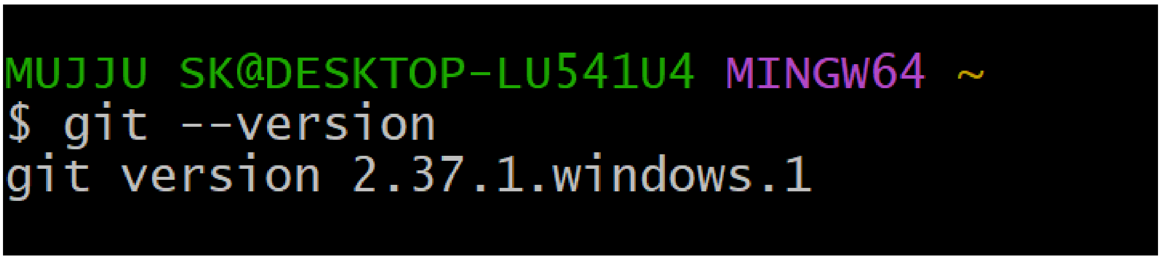
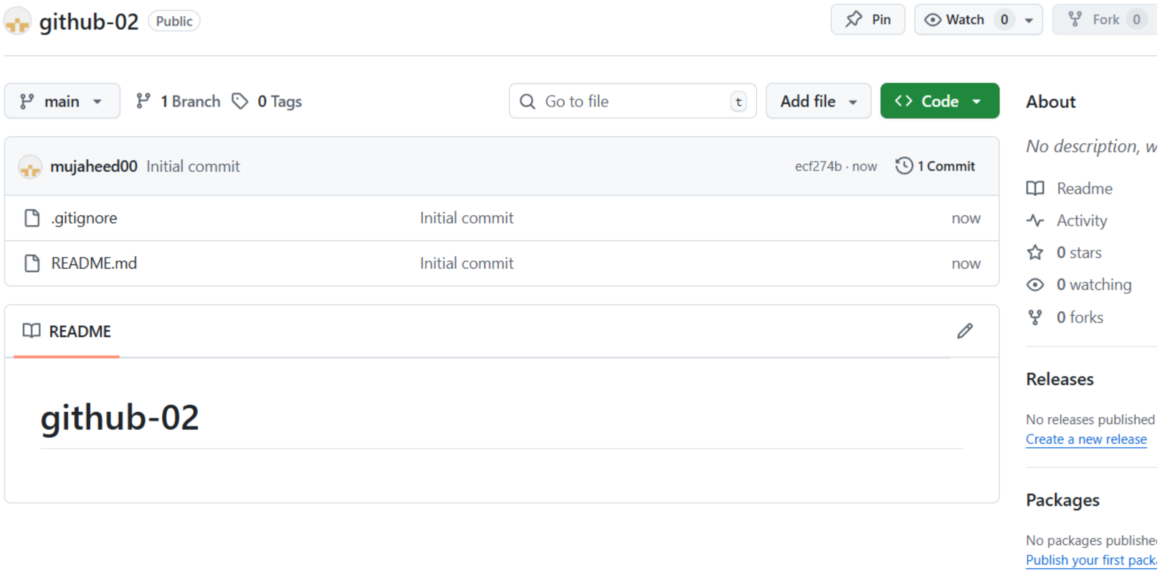
1. Install git:



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~
$ git --version
git version 2.37.1.windows.1
```

2. Create a repo in github with README.md and .ignore file:

Created a repository named as github-02 with README.md and ignore file



mujaheed00 Initial commit ecf274b · now 1 Commit

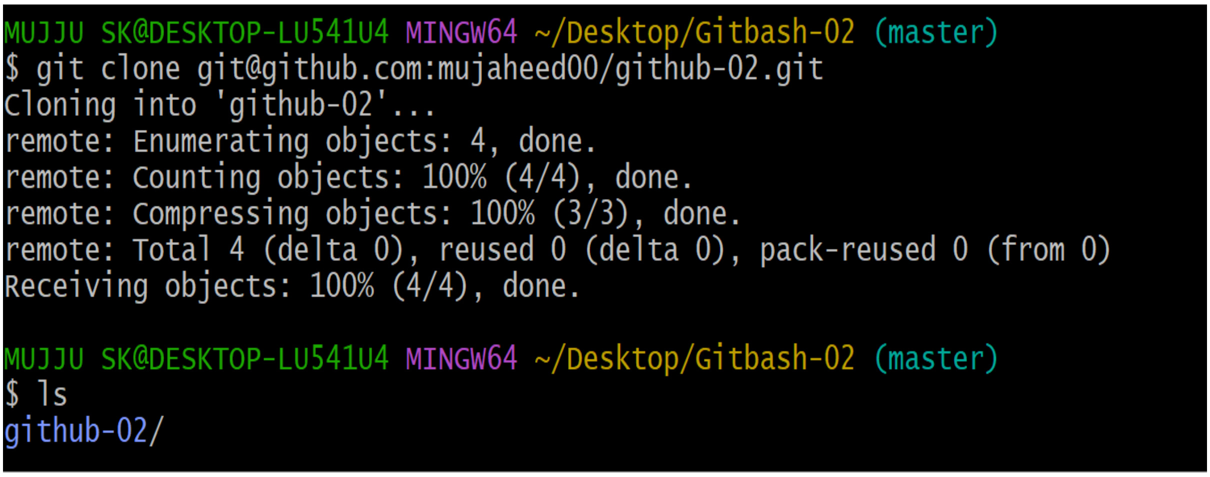
.gitignore	Initial commit	now
README.md	Initial commit	now

3. Clone the created repo to local.

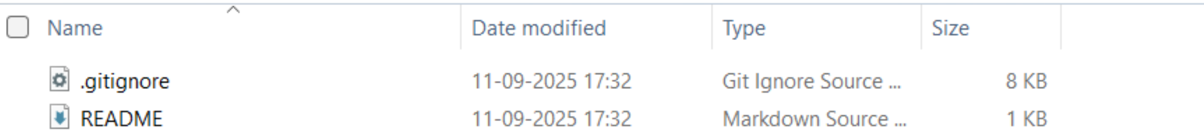
First we need to create a directory in local machine named as Github-02

Open git bash with that Github-02 directory and execute the command : git clone <ssh address of our repo>

Then the information in the central repo will come to the local machine



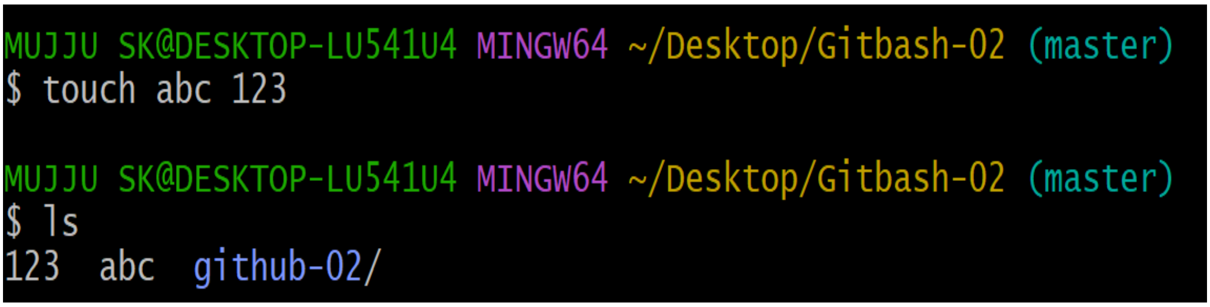
```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git clone git@github.com:mujaheed00/github-02.git
Cloning into 'github-02'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ ls
github-02/
```



□ Name	Date modified	Type	Size
.gitignore	11-09-2025 17:32	Git Ignore Source ...	8 KB
README	11-09-2025 17:32	Markdown Source ...	1 KB

4. Create two files in local repo

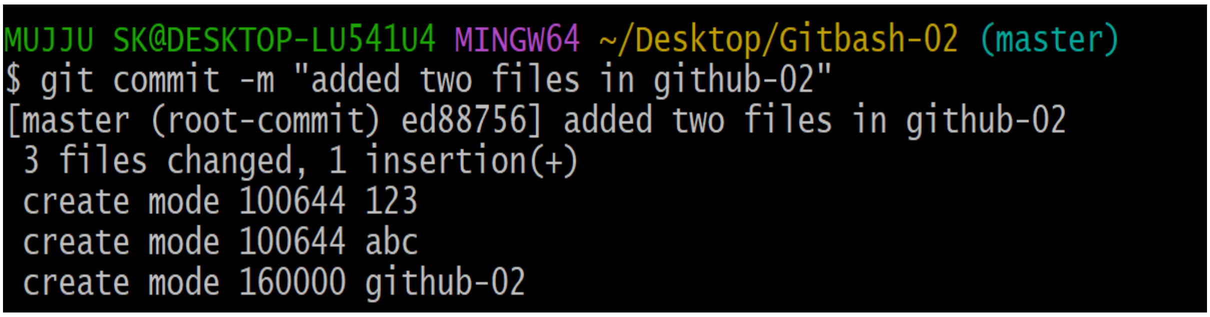
Created two files named as abc ,123 by using touch command



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ touch abc 123

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ ls
123  abc  github-02/
```

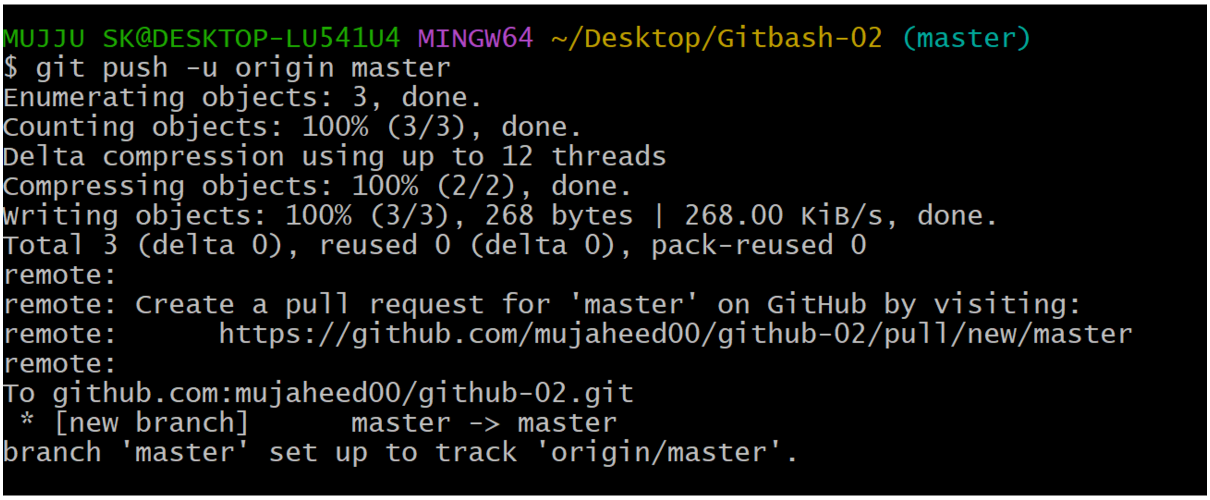
5. Commit two files and push into central repository

Execute git commit command to commit :git commit -m ”added two files in github-02”

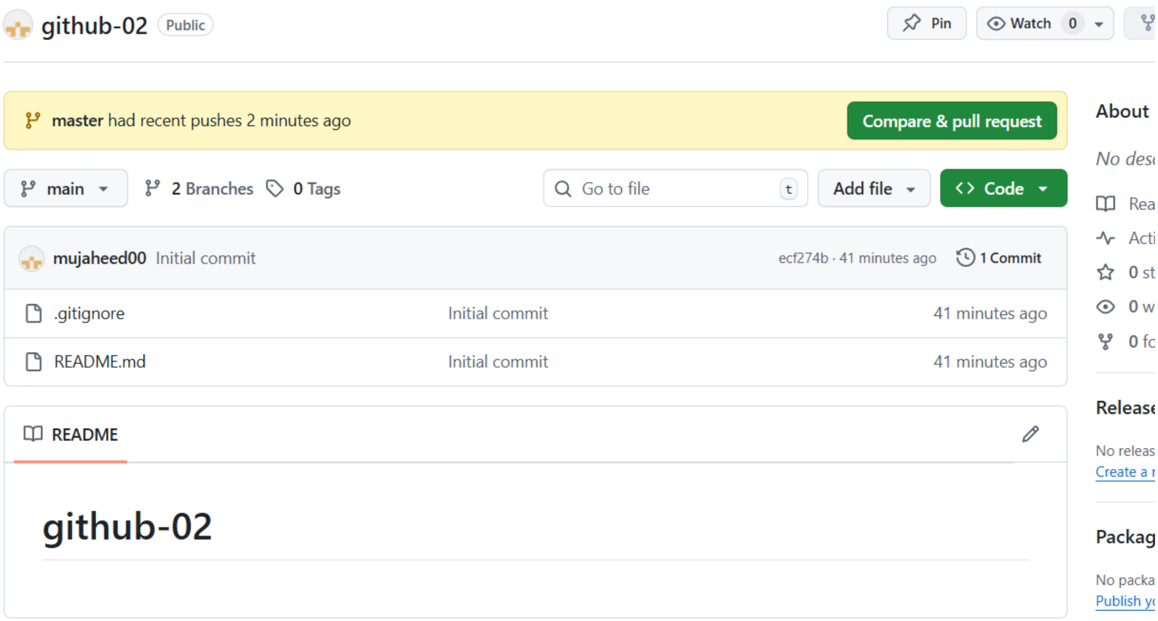


```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git commit -m "added two files in github-02"
[master (root-commit) ed88756] added two files in github-02
 3 files changed, 1 insertion(+)
 create mode 100644 123
 create mode 100644 abc
 create mode 160000 github-02
```

And push that two files into repository by using – push – u origin master



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 268 bytes | 268.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/mujaheed00/github-02/pull/new/master
remote:
To github.com:mujaheed00/github-02.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```



master had recent pushes 2 minutes ago

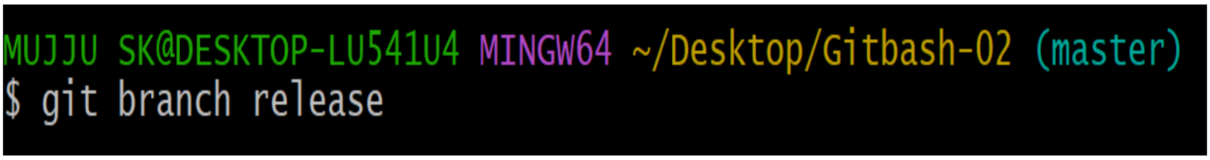
mujaheed00 Initial commit ecf274b · 41 minutes ago 1 Commit

.gitignore	Initial commit	41 minutes ago
README.md	Initial commit	41 minutes ago

github-02

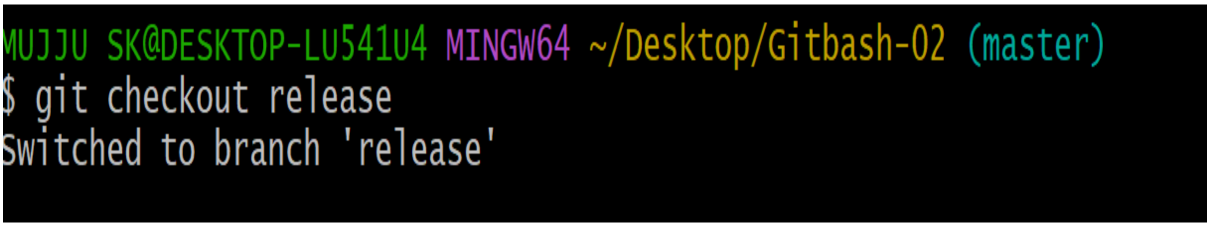
6. Create a branch in local and create a sample file and push to central

Create a branch in local by using command: git branch release (Release is the branch name)



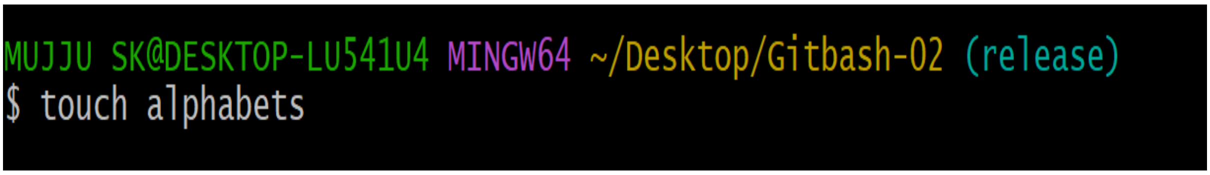
```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git branch release
```

Then switch the branch to release using git checkout release

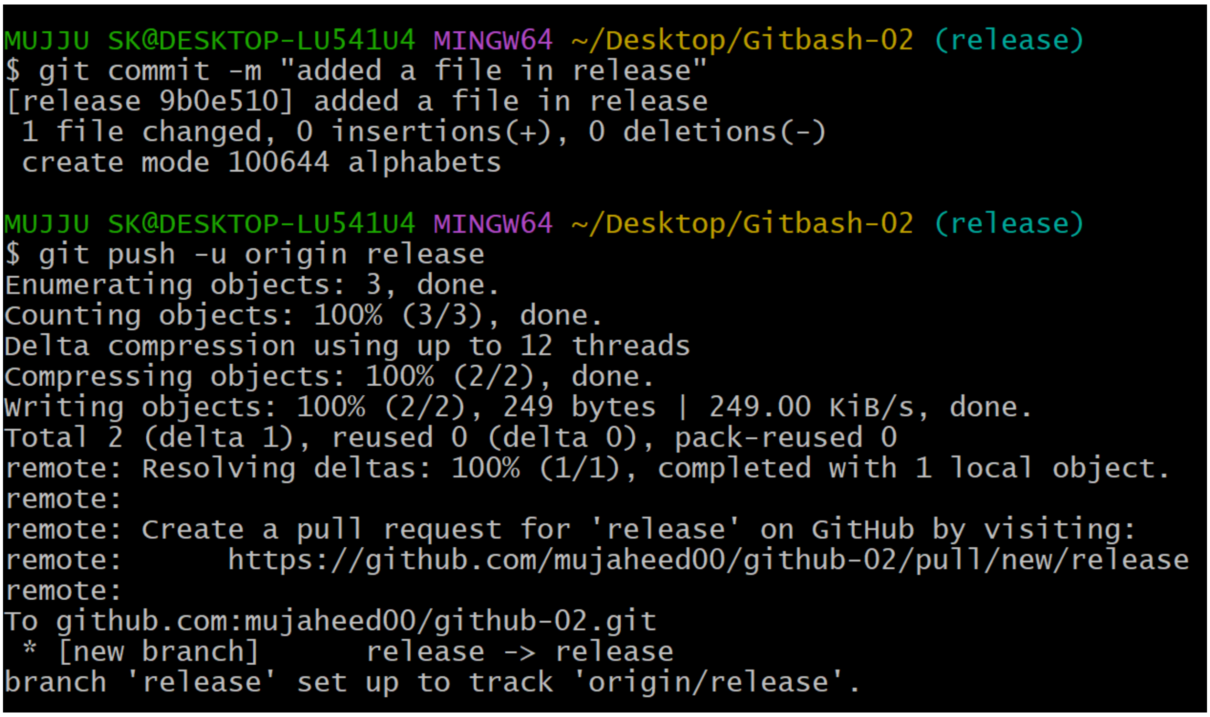


```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git checkout release
Switched to branch 'release'
```

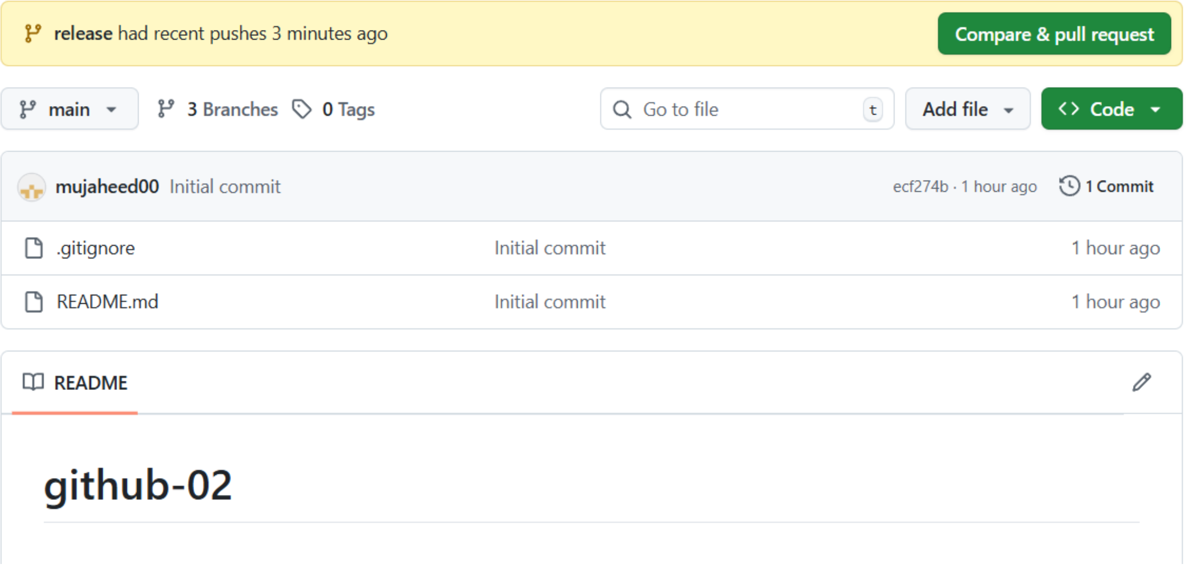
Create a file in release branch named as alphabets and commit it and push it into repository



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (release)
$ touch alphabets
```



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (release)
$ git commit -m "added a file in release"
[release 9b0e510] added a file in release
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 alphabets

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (release)
$ git push -u origin release
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 249 bytes | 249.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'release' on GitHub by visiting:
remote:      https://github.com/mujaheed00/github-02/pull/new/release
remote:
To github.com:mujaheed00/github-02.git
 * [new branch]      release -> release
branch 'release' set up to track 'origin/release'.
```



release had recent pushes 3 minutes ago

Compare & pull request

main

3 Branches 0 Tags

Go to file t

Add file

Code

mujaheed00 Initial commit ecf274b · 1 hour ago 1 Commit

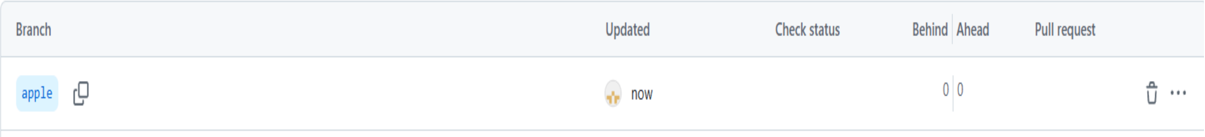
.gitignore	Initial commit	1 hour ago
README.md	Initial commit	1 hour ago

README

github-02

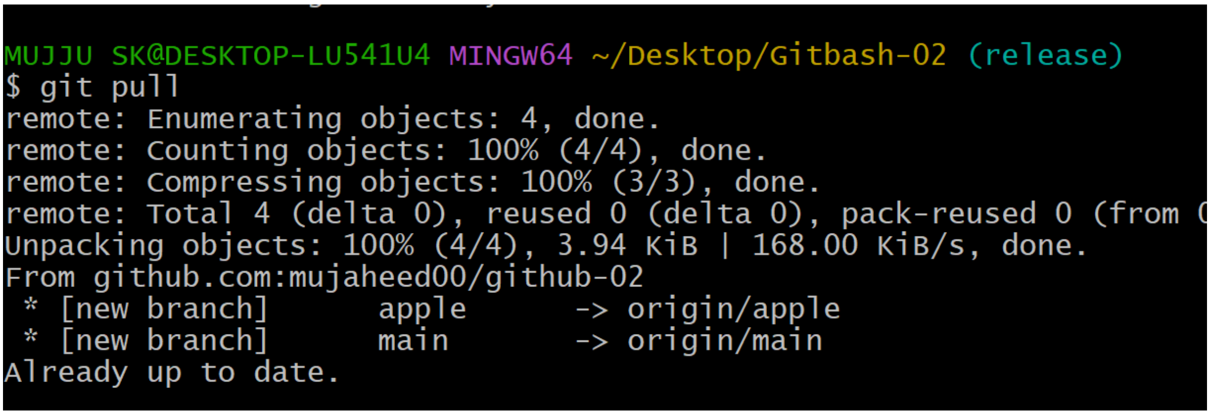
7. Create a branch in github and clone in the local

Created a branch in git hub named as apple



Branch	Updated	Check status	Behind	Ahead	Pull request
apple	now		0	0	

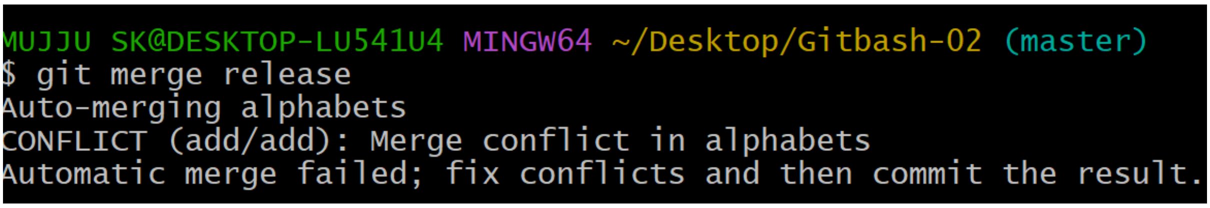
Use git pull command to pull the branch from repository to local



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (release)
$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0
Unpacking objects: 100% (4/4), 3.94 KiB | 168.00 KiB/s, done.
From github.com:mujaheed00/github-02
 * [new branch]      apple      -> origin/apple
 * [new branch]      main       -> origin/main
Already up to date.
```

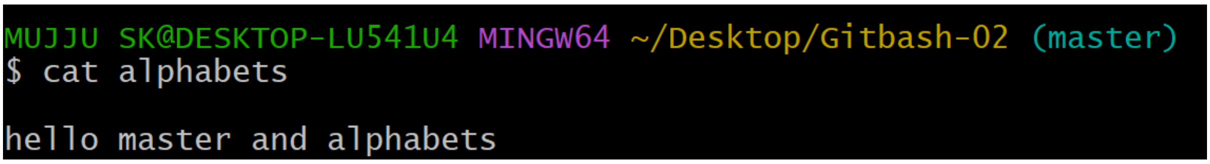
8. Merge the created branch with master in git local

If you merge same identical file consists of with similar content shows merge conflict



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git merge release
Auto-merging alphabets
CONFLICT (add/add): Merge conflict in alphabets
Automatic merge failed; fix conflicts and then commit the result.
```

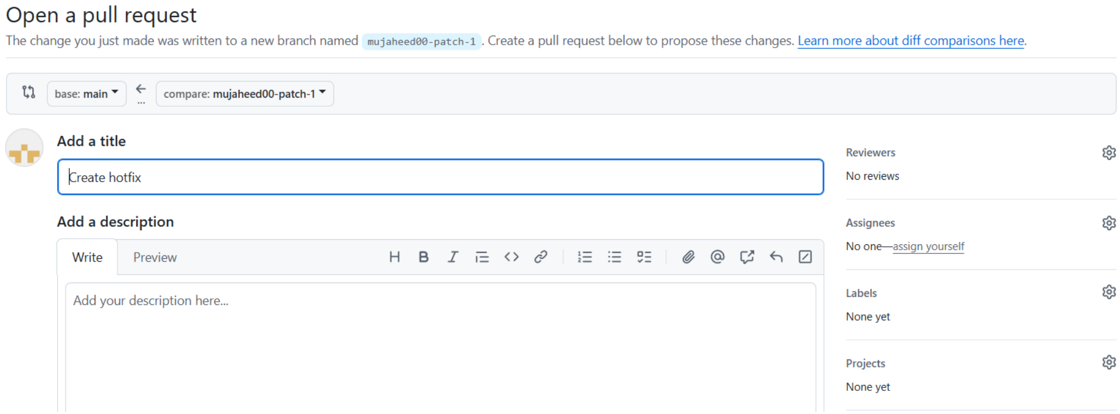
Go to the vi alphabets and edit the text and add git add . and commit the changes then the merged file looks like



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ cat alphabets

hello master and alphabets
```

9. Merge the created branch with master in github by sending a pull request.

Create a file and add title



Open a pull request

The change you just made was written to a new branch named `mujaheed00-patch-1` . Create a pull request below to propose these changes. Learn more about diff comparisons here.

base: main ← compare: mujaheed00-patch-1

Add a title

Create hotfix

Add a description

Add your description here...

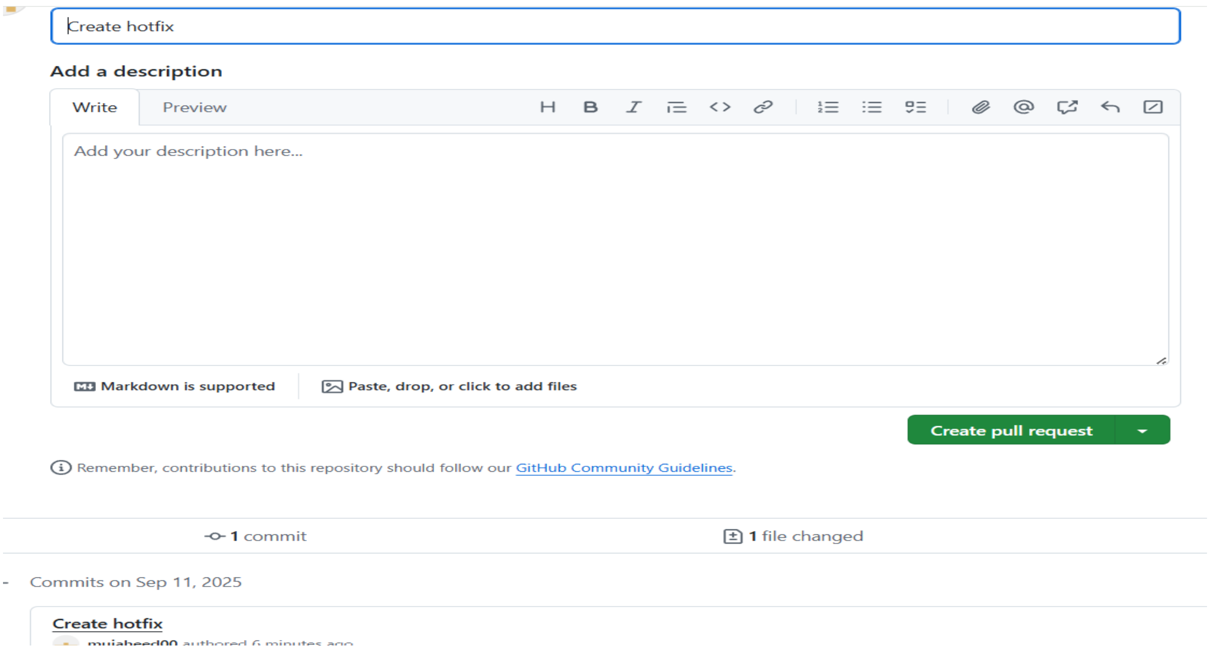
Reviewers
No reviews

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Give the name and click create pull then it will be created after that click on merge then it will be merged



Create hotfix

Add a description

Add your description here...

Remember, contributions to this repository should follow our GitHub Community Guidelines.

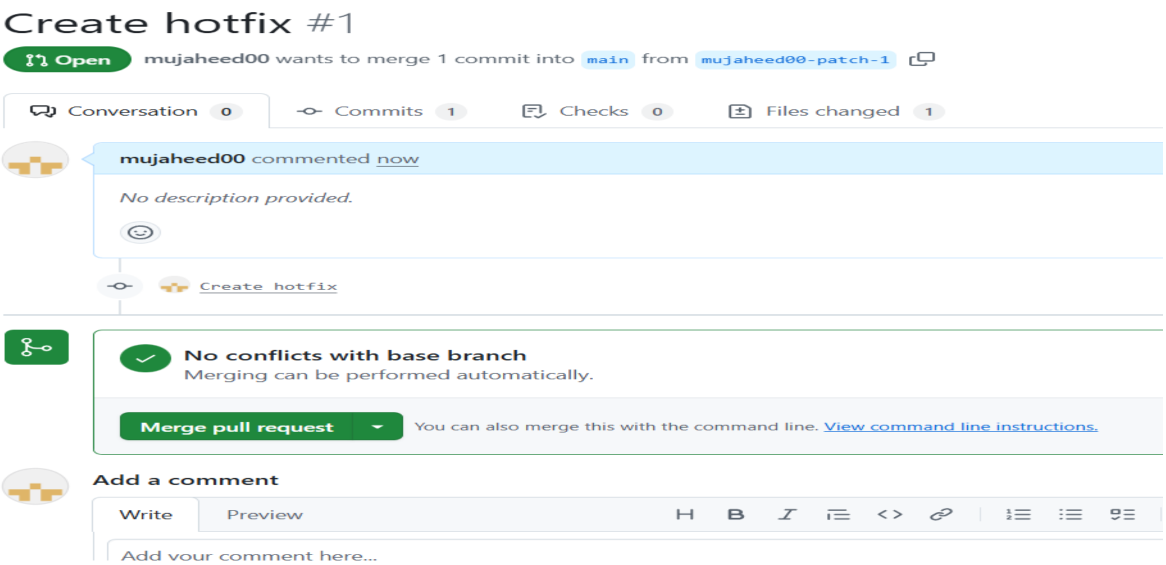
1 commit

1 file changed

Commits on Sep 11, 2025

Create hotfix

mujaheed00 authored 6 minutes ago



Create hotfix #1

Open mujaheed00 wants to merge 1 commit into main from mujaheed00-patch-1

mujaheed00 commented now

No description provided.

Create hotfix

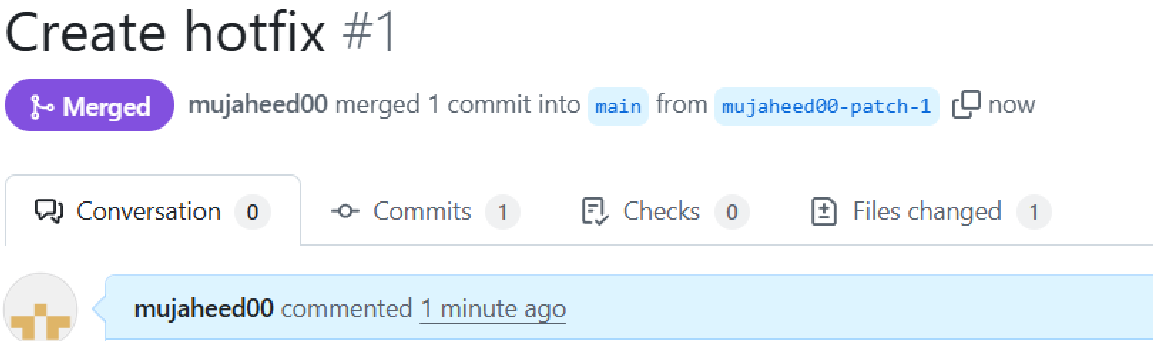
No conflicts with base branch

Merging can be performed automatically.

You can also merge this with the command line. View command line instructions.

Add a comment

Add your comment here...



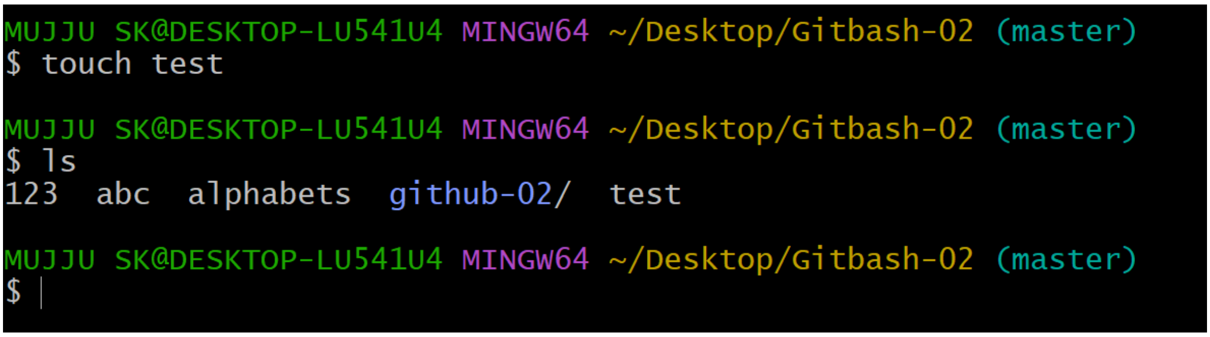
Create hotfix #1

Merged mujaheed00 merged 1 commit into main from mujaheed00-patch-1 now

mujaheed00 commented 1 minute ago

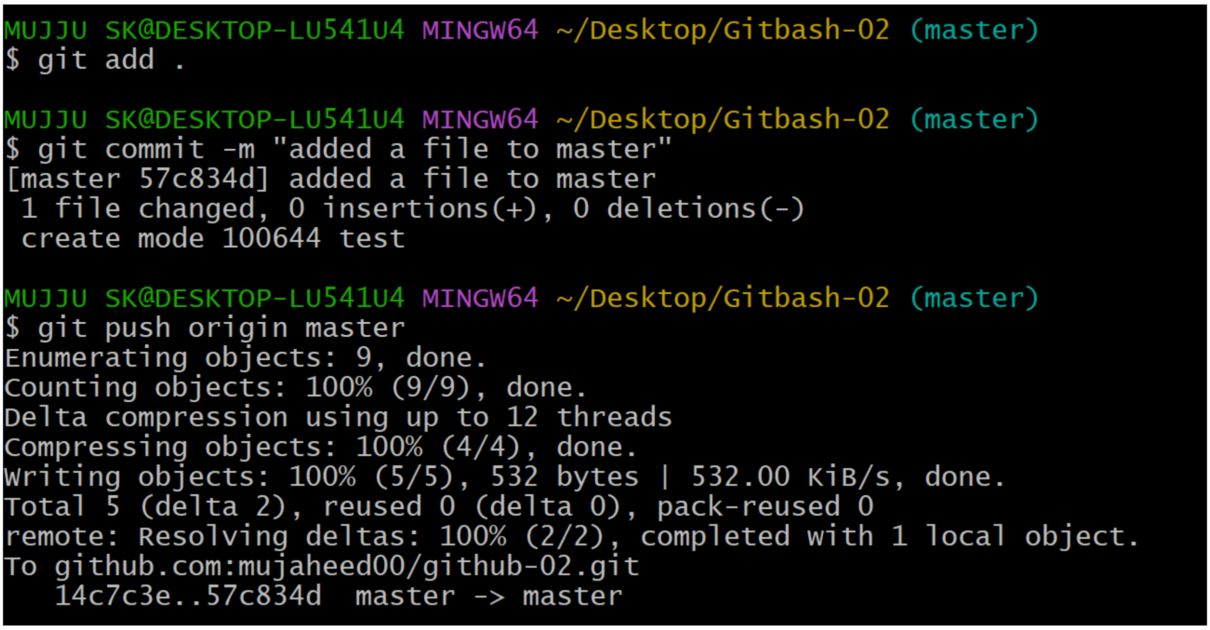
10. Create a file in local and send that to branch in github.

Create a touch file in local machine

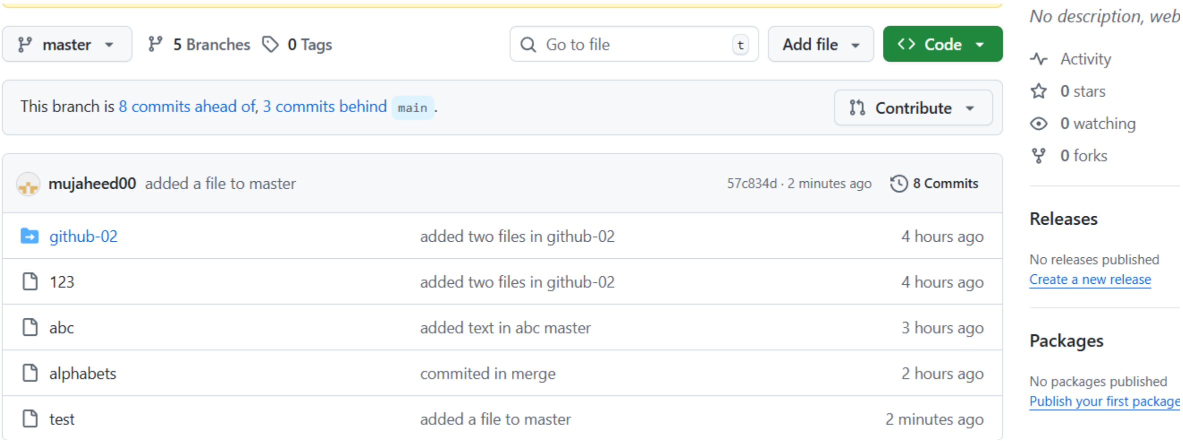


```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ touch test

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ ls
123  abc  alphabets  github-02/  test

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ 
```

And git add . and commit the changes and push the file into repository



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git add .

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git commit -m "added a file to master"
[master 57c834d] added a file to master
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (master)
$ git push origin master
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 532 bytes | 532.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To github.com:mujaheed00/github-02.git
   14c7c3e..57c834d  master -> master
```

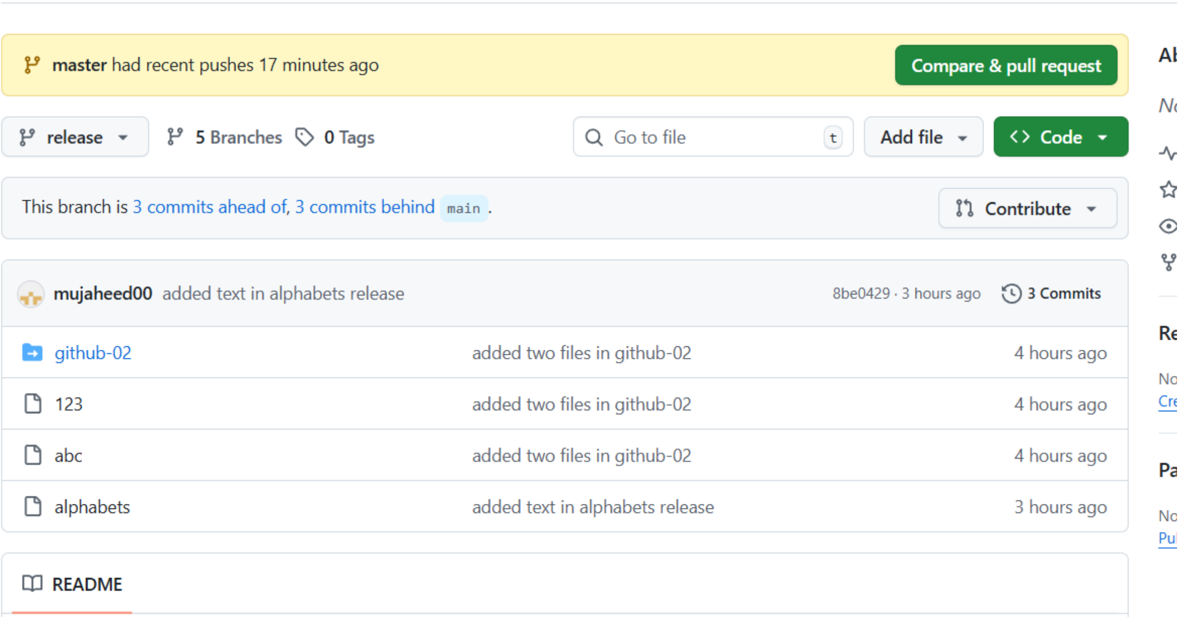


This branch is 8 commits ahead of, 3 commits behind `main` .

mujaheed00 added a file to master 57c834d · 2 minutes ago 8 Commits

github-02	added two files in github-02	4 hours ago
123	added two files in github-02	4 hours ago
abc	added text in abc master	3 hours ago
alphabets	commited in merge	2 hours ago
test	added a file to master	2 minutes ago

11. Clone only a branch from github to local

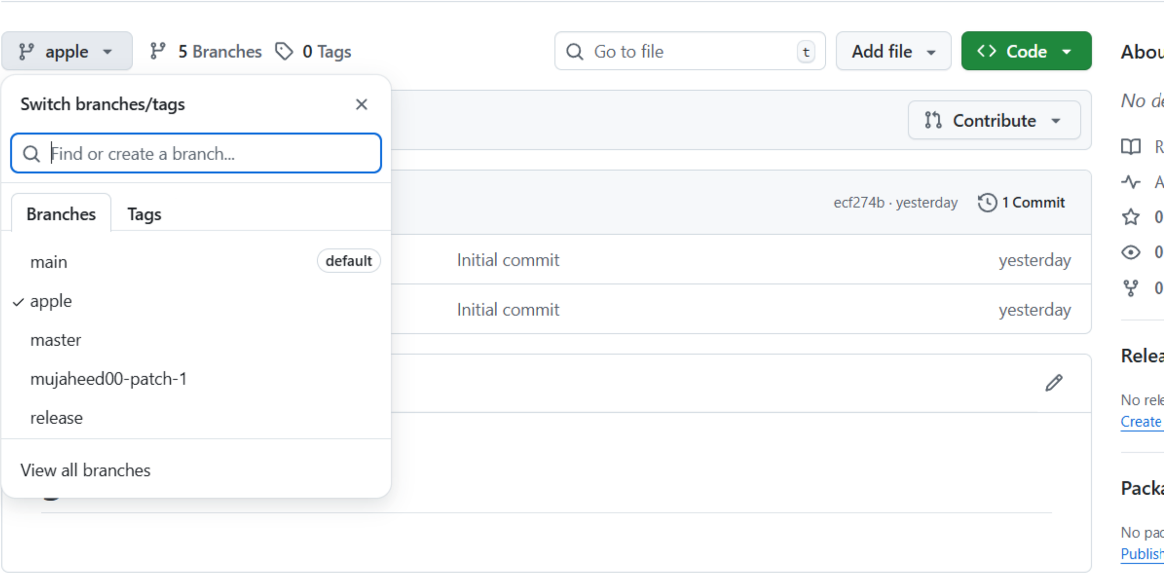


master had recent pushes 17 minutes ago

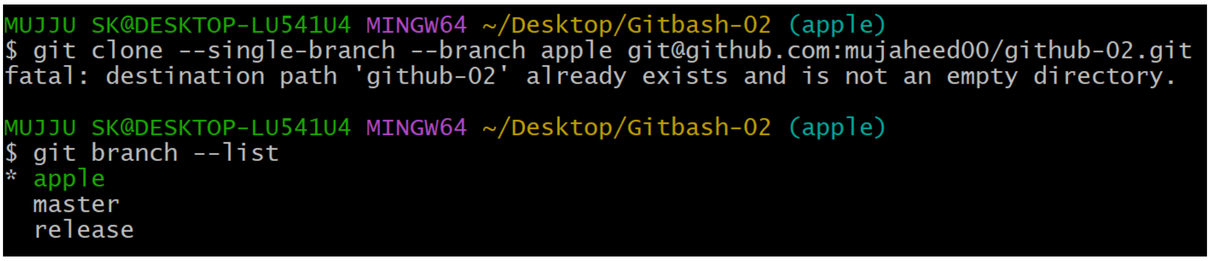
This branch is 3 commits ahead of, 3 commits behind `main` .

mujaheed00 added text in alphabets release 8be0429 · 3 hours ago 3 Commits

github-02	added two files in github-02	4 hours ago
123	added two files in github-02	4 hours ago
abc	added two files in github-02	4 hours ago
alphabets	added text in alphabets release	3 hours ago



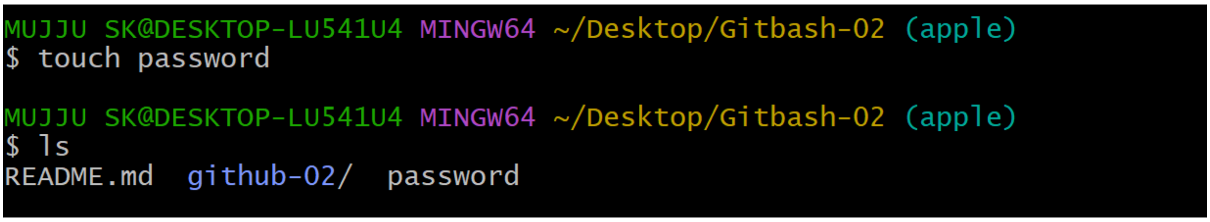
For cloning branch we should need to use: git clone --single-branch –branch apple



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git clone --single-branch --branch apple git@github.com:mujaheed00/github-02.git
fatal: destination path 'github-02' already exists and is not an empty directory.

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git branch --list
* apple
  master
  release
```

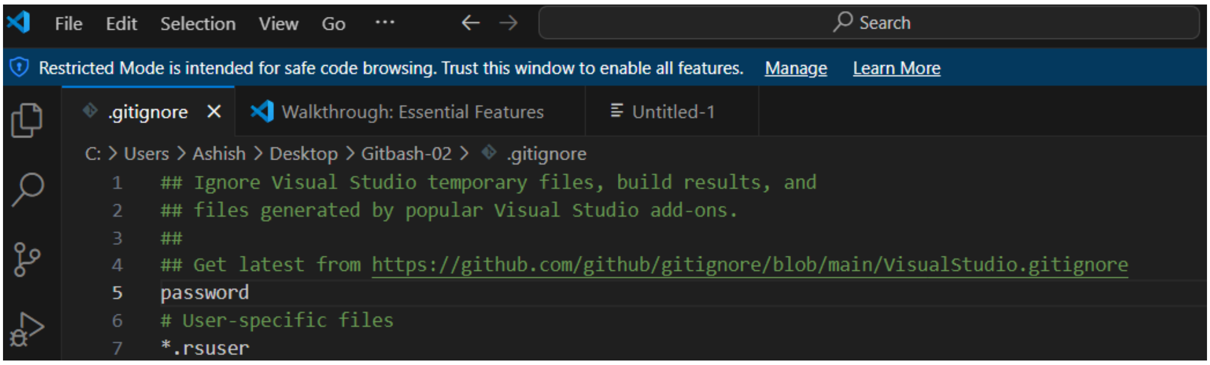
12 . **Create a file with all passwords and make that untrackable with git.**

Create a file named as touch

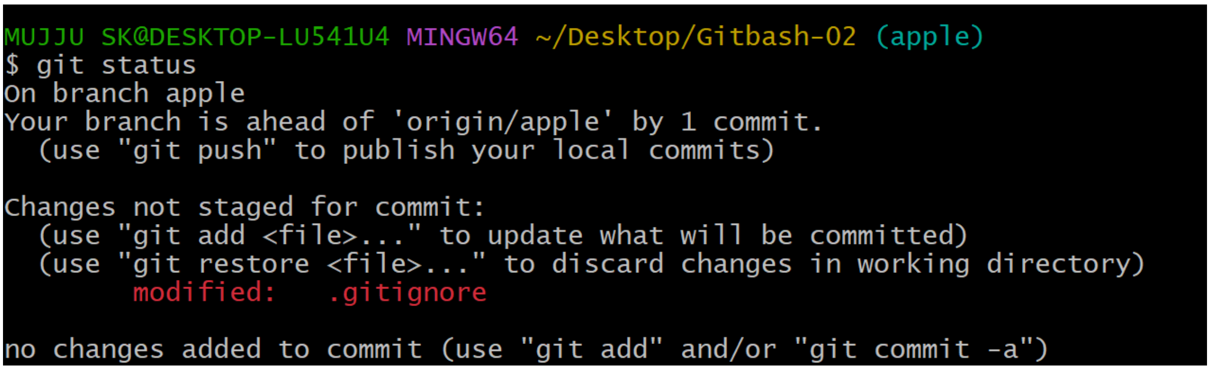


```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ touch password

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ ls
README.md  github-02/  password
```

Using visual studio add password in the file .gitignore and check status


File
Edit
Selection
View
Go
Search
Restricted Mode is intended for safe code browsing. Trust this window to enable all features.
Manage
Learn More
.gitignore
Walkthrough: Essential Features
Untitled-1
C: > Users > Ashish > Desktop > Gitbash-02 > .gitignore

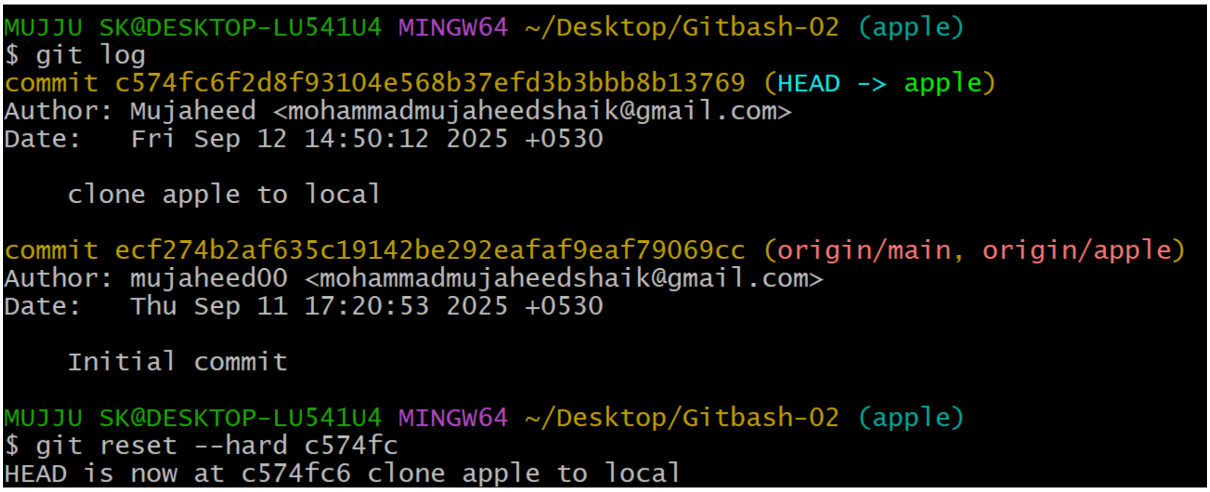
```
## Ignore Visual Studio temporary files, build results, and
## files generated by popular Visual Studio add-ons.
##
## Get latest from https://github.com/github/gitignore/blob/main/VisualStudio.gitignore
password
# User-specific files
*.rsuser
```



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git status
On branch apple
Your branch is ahead of 'origin/apple' by 1 commit.
  (use "git push" to publish your local commits)

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")
```

13. Make a commit and make that commit reset without savings changes.

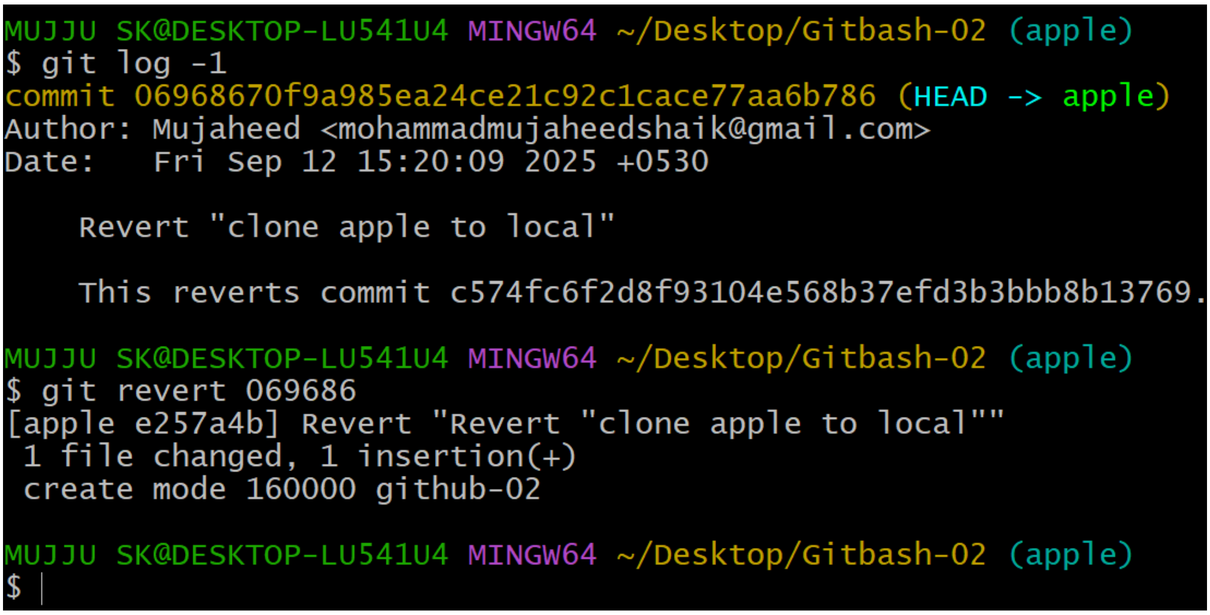
Use git reset --hard commit id to reset without changes



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git log
commit c574fc6f2d8f93104e568b37efd3b3bbb8b13769 (HEAD -> apple)
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 14:50:12 2025 +0530

    clone apple to local

commit ecf274b2af635c19142be292eafaf9eaf79069cc (origin/main, origin/apple)
Author: mujaheed00 <mohammadmujaheedshaik@gmail.com>
Date:   Thu Sep 11 17:20:53 2025 +0530

    Initial commit

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git reset --hard c574fc
HEAD is now at c574fc6 clone apple to local
```

14 . Revert a commited commit to the older version.

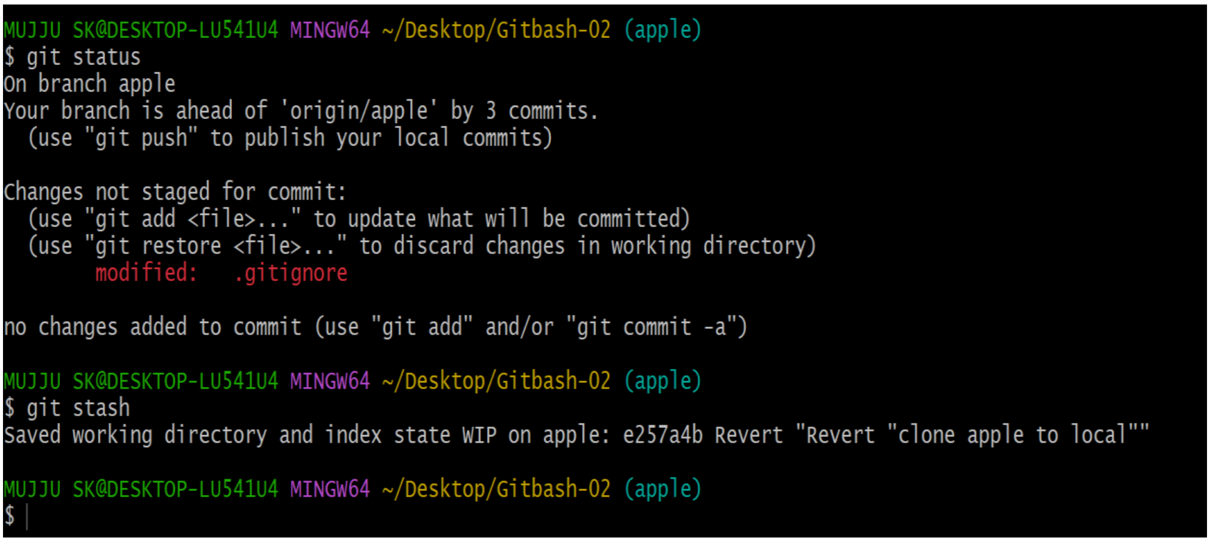
Use git revert commit id to revert a commit id to older version



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git log -1
commit 06968670f9a985ea24ce21c92c1cace77aa6b786 (HEAD -> apple)
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 15:20:09 2025 +0530

    Revert "clone apple to local"

    This reverts commit c574fc6f2d8f93104e568b37efd3b3bbb8b13769.

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git revert 069686
[apple e257a4b] Revert "Revert "clone apple to local""
 1 file changed, 1 insertion(+)
 create mode 160000 github-02

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ |
```

15. Push a file to stash without savings the changes and work on another file.

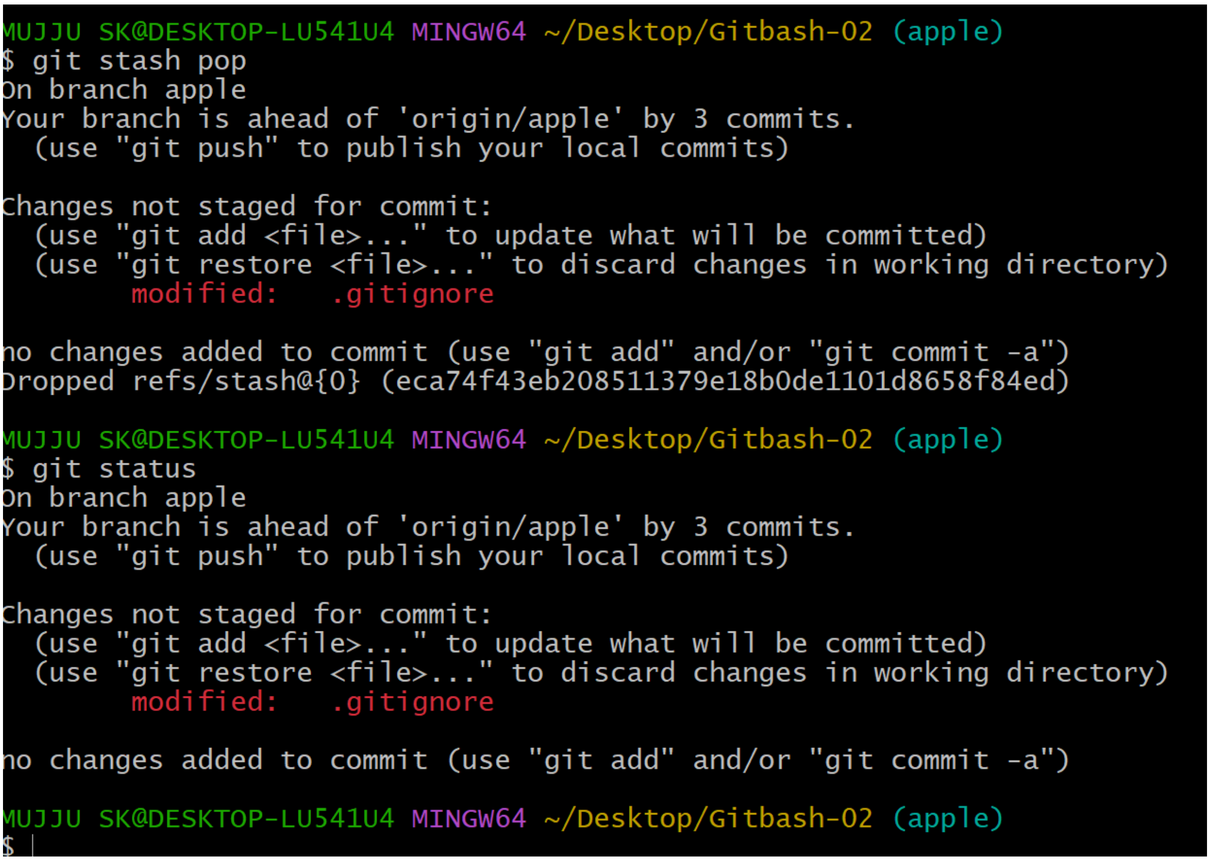
Git stash is used to push a file to stash



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git status
On branch apple
Your branch is ahead of 'origin/apple' by 3 commits.
  (use "git push" to publish your local commits)

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")

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git stash
Saved working directory and index state WIP on apple: e257a4b Revert "Revert "clone apple to local""

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ |
```

16. undo that stash file and start working on that again.

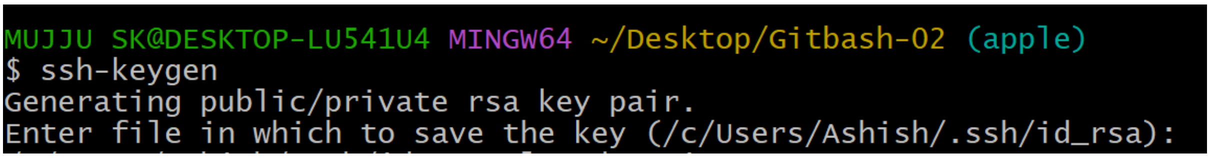
Git stash pop is the command to undo the stash file from stash



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git stash pop
On branch apple
Your branch is ahead of 'origin/apple' by 3 commits.
  (use "git push" to publish your local commits)

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")
Dropped refs/stash@{0} (eca74f43eb208511379e18b0de1101d8658f84ed)

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git status
On branch apple
Your branch is ahead of 'origin/apple' by 3 commits.
  (use "git push" to publish your local commits)

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")

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ |
```

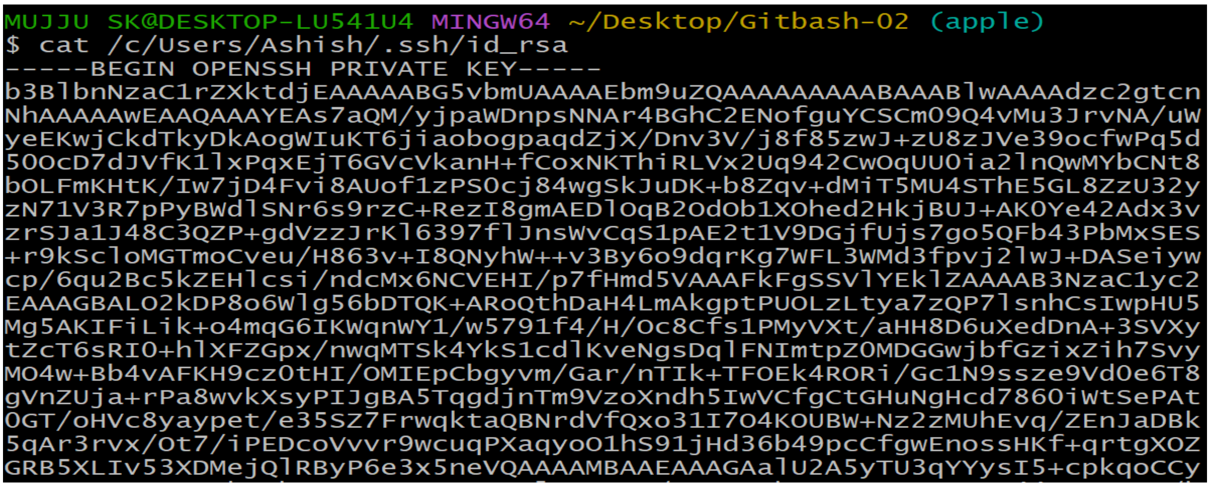
17 . Generate a ssh-keygen and configure into github.

Use command ssh-keygen



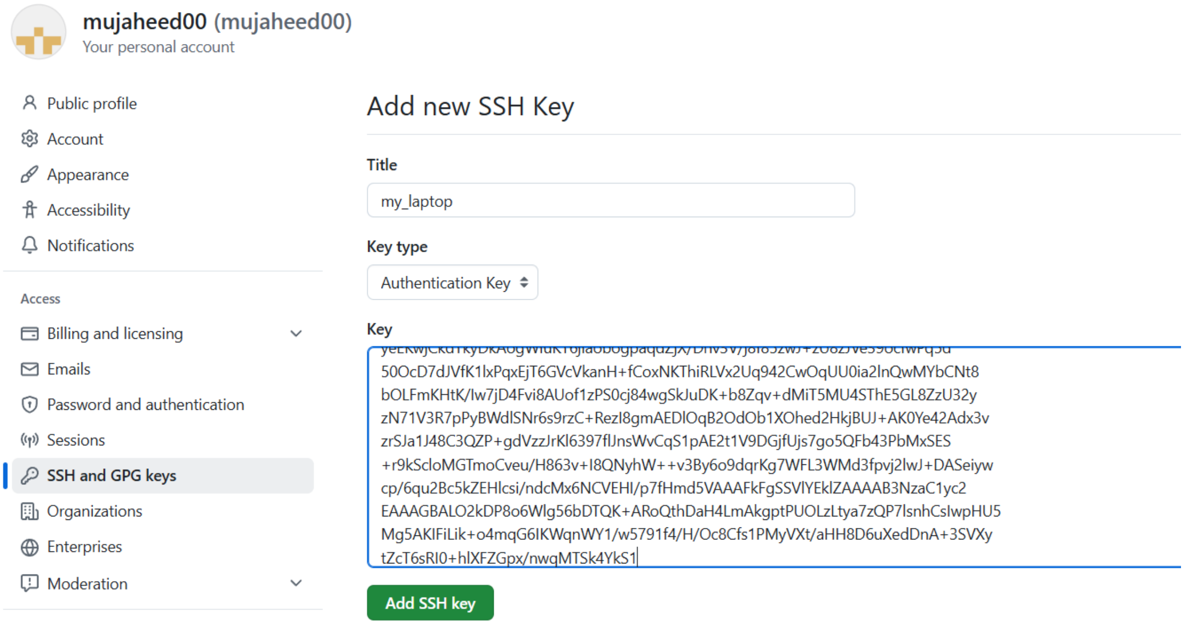
```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Ashish/.ssh/id_rsa):
```

Use cat and key id of key



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ cat /c/Users/Ashish/.ssh/id_rsa
-----BEGIN OPENSSH PRIVATE KEY-----
b3BlbnNzaC1rZXktdjEAAAAABG5vbmUAAAAEbm9uZQAAAAAAAAABAAABlwAAAAdzc2gtcn
NhAAAAAwEAAQAAAYEAs7aQM/yjpaWDnpsNNAr4BGhC2ENofguYCSCm09Q4vMu3JrvNA/uW
yeEKwjCkdTkyDkAogWIuKT6jiaobogpaqdZjX/Dnv3V/j8f85zwJ+zU8zJVe39ocfwPq5d
5OOcD7dJVfK1lxPqxEjT6GVcVkanH+fCoxNKThiRLVx2Uq942CwOqUUOia2lnQwMYbCNt8
bOLFmKHtK/Iw7jD4Fvi8AUof1zPSOcj84wgSkJuDK+b8Zqv+dMiT5MU4SThE5GL8ZzU32y
zN71V3R7pPyBWdlSNr6s9rzC+RezI8gmAEDlOqB2OdOb1XOhed2HkjBUJ+AK0Ye42Adx3v
zrSJa1J48C3QZP+gdVzzJrKl6397flJnsWvCqS1pAE2t1V9DGjfUjs7go5QFb43PbMxSES
+r9kScloMGTmoCveu/H863v+I8QNyhW++v3By6o9dqrKg7WFL3WMd3fpvj2lwJ+DASeiyw
cp/6qu2Bc5kZEHlcsi/ndcMx6NCVEHI/p7fHmd5VAAAFkFgSSVlYEklZAAAAB3NzaC1yc2
EAAAGBALO2kDP8o6Wlg56bDTQK+ARoQthDaH4LmAkgptPUOLzLtya7zQP7lsnhCsIwpHU5
Mg5AKIFiLik+o4mqG6IKWqnWY1/w5791f4/H/Oc8Cfs1PMyVXt/aHH8D6uXedDnA+3SVXy
tZcT6sRIO+hlXFZGpx/nwqMTSk4YkS1cdlKveNgsDqlFNImtpZ0MDGGwjbfGzixZih7Svy
MO4w+Bb4vAFKH9cz0tHI/OMIEpCbgyvm/Gar/nTIk+TFOEk4RORi/Gc1N9ssze9Vd0e6T8
gVnZUja+rPa8wvkXsyPIJgBA5TqgdjnTm9VzoXndh5IwVCfgCtGHuNgHcd786OiWtSePAt
OGT/oHVc8yaypet/e35SZ7FrwqktaQBNrdVfQxo31I7O4KOUBW+Nz2zMUhEvq/ZEnJaDBk
5qAr3rvx/Ot7/iPEDcoVvvr9wcuqPXaqyoO1hS91jHd36b49pcCfgwEnossHKf+qrtgXOZ
GRB5XLIv53XDMejQlRByP6e3x5neVQAAAMBAAEAAAGAalU2A5yTU3qYYysI5+cpkqoCCy
```

Go to git hub settings and click on SSH and GPG keys and click on new key and paste that key address and add new key



Add new SSH Key

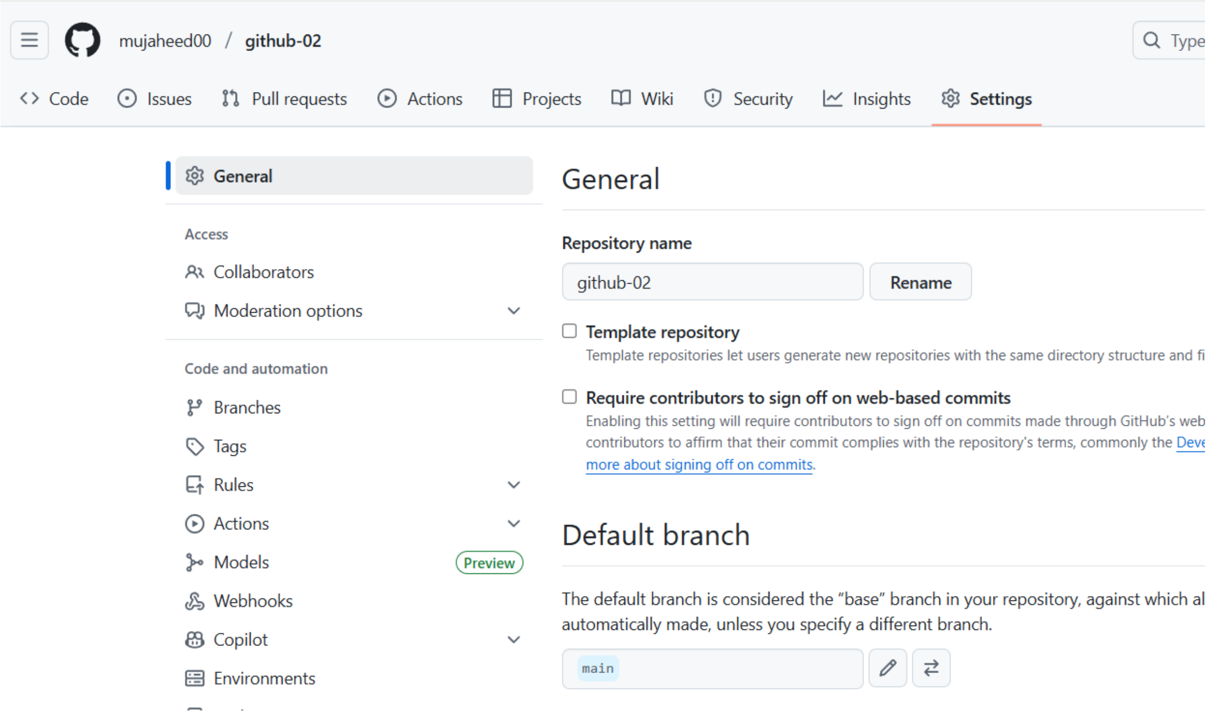
Title: my_laptop

Key type: Authentication Key

Key

```
50OcD7dJVfK1lxPqxEjT6GVcVkanH+fCoxNKThiRLVx2Uq942CwOqUU0ia2lnQwMYbCNt8
bOLFmKHtK/lw7jD4Fvi8AUof1zPS0cj84wgSkJuDK+b8Zqv+dMiT5MU4SThE5GL8ZzU32y
zN71V3R7pPyBWdlSNr6s9rzC+Rezl8gmAEDlOqB2OdOb1XOhed2HkjBUJ+AK0Ye42Adx3v
zrSJa1J48C3QZP+gdVzzJrKl6397flJnsWvCqS1pAE2t1V9DGjfUjs7go5QFb43PbMxSES
+r9kScloMGTmoCveu/H863v+I8QNyhW++v3By6o9dqrKg7WFL3WMd3fpvj2lwJ+DASeiyw
cp/6qu2Bc5kZEHlcsi/ndcMx6NCVEHI/p7fHmd5VAAAFkFgSSVlYEklZAAAAB3NzaC1yc2
EAAAGBALO2kDP8o6Wlg56bDTQK+ARoQthDaH4LmAkgptPUOLzLtya7zQP7lsnhCslwpHU5
Mg5AKIFiLik+o4mqG6IKWqnWY1/w5791f4/H/Oc8Cfs1PMyVXt/aHH8D6uXedDnA+3SVXy
tZcT6sRI0+hlXFZGpx/nwqMTSk4YkS1
```

18. Configure webhooks to github.



General

Repository name: github-02

□ Template repository
Template repositories let users generate new repositories with the same directory structure and fi

□ Require contributors to sign off on web-based commits
Enabling this setting will require contributors to sign off on commits made through GitHub's web contributors to affirm that their commit complies with the repository's terms, commonly the Deve more about signing off on commits.

Default branch

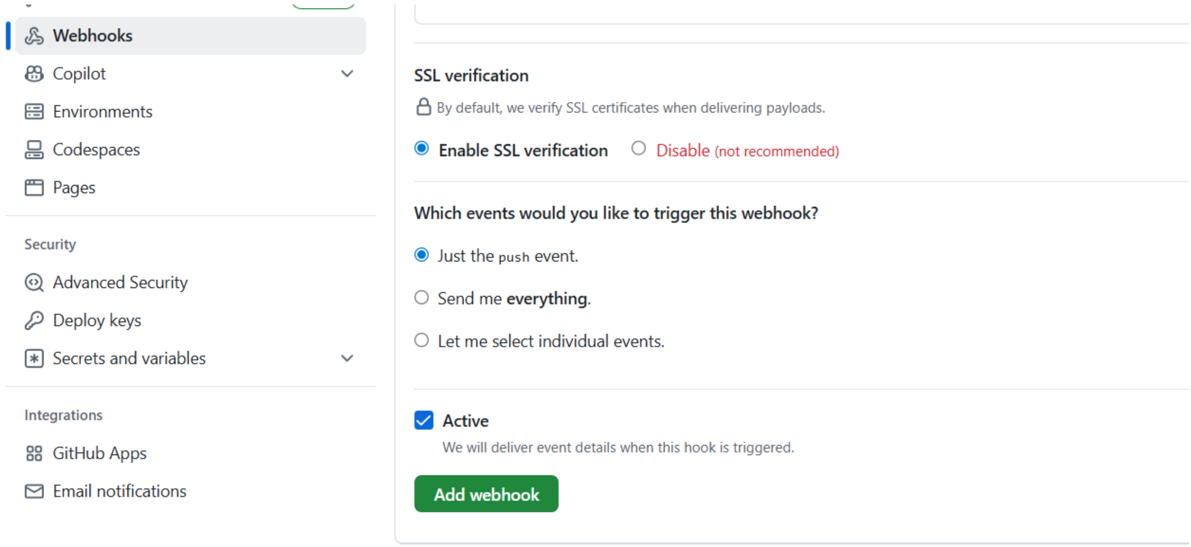
The default branch is considered the "base" branch in your repository, against which al automatically made, unless you specify a different branch.

`main`

Select the repository where you need to add the web hooks

Click the settings option in that repository. At left side we are seeing a tab call webhooks click the webhooks and add the web hooks.

- Under playload URL ,Type the URL where you need to like receive the playloads



SSL verification

By default, we verify SSL certificates when delivering payloads.

● Enable SSL verification ○ Disable (not recommended)

Which events would you like to trigger this webhook?

● Just the push event.

○ Send me everything.

○ Let me select individual events.

☑ Active

We will deliver event details when this hook is triggered.

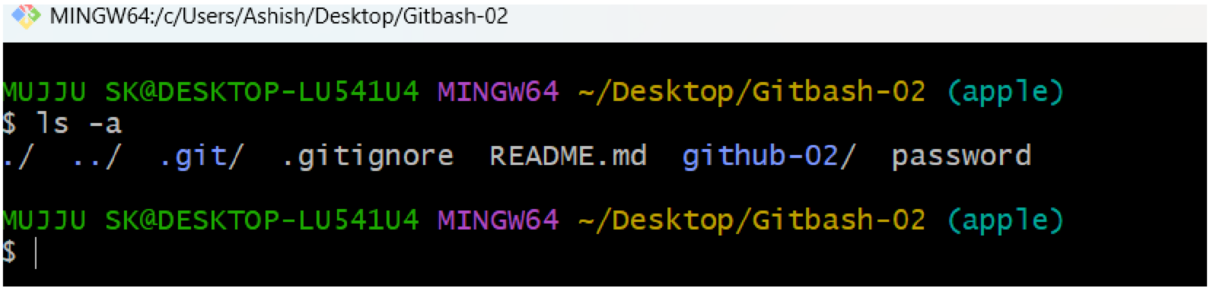
•application/x-www-form-urlencoded will send the JSON payload as a form parameter
called payload.

•Optionally, under "Secret", type a string to use as
a secret key. You should choose a
random string of text with high entropy. You can use the webhook secret to limit
incoming requests to only those originating from GitHub.

19 . Basic understanding of .git file.

The .git directory is the core component of a Git repository. It is a hidden directory .

Git to track changes, manage versions, and perform various operations.
where Git stores the entire history and metadata of your project.

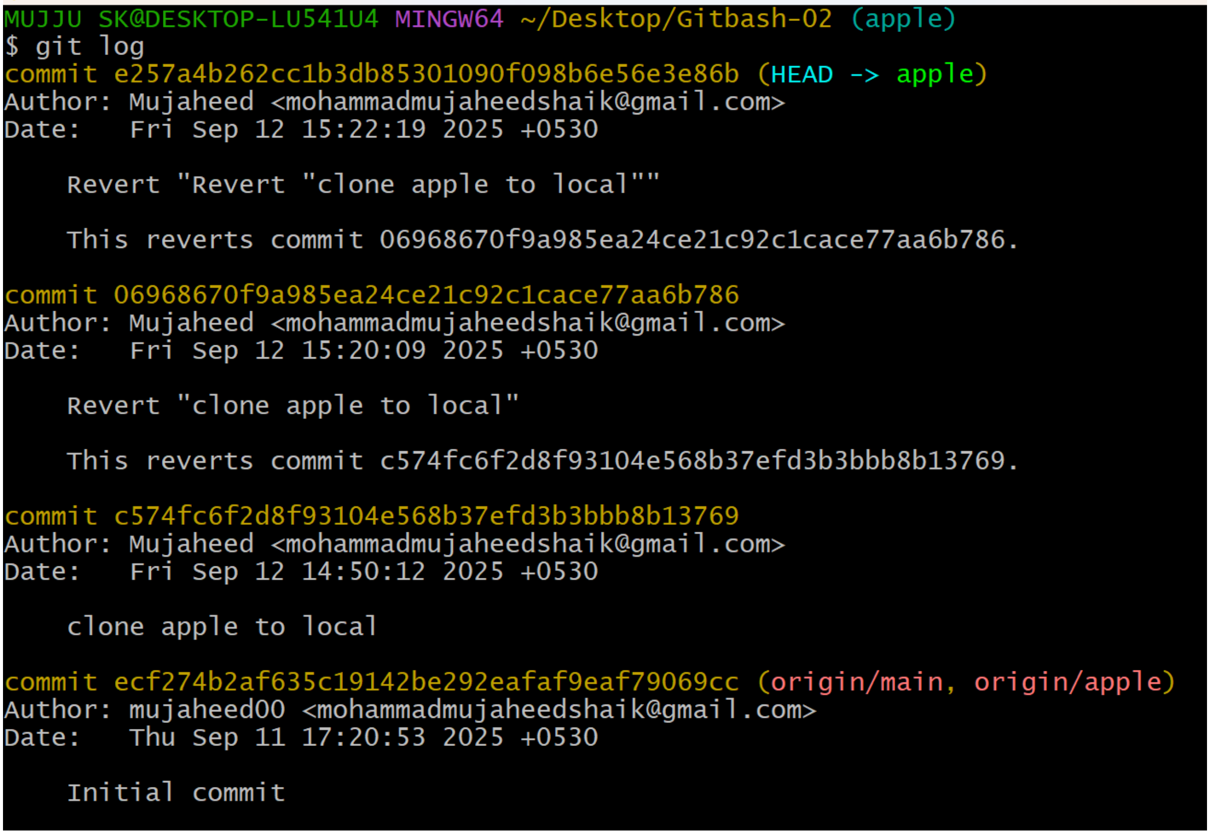


MINGW64:/c/Users/Ashish/Desktop/Gitbash-02

```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ ls -a
./  ../  .git/  .gitignore  README.md  github-02/  password

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ |
```

20. Check all the logs of git.

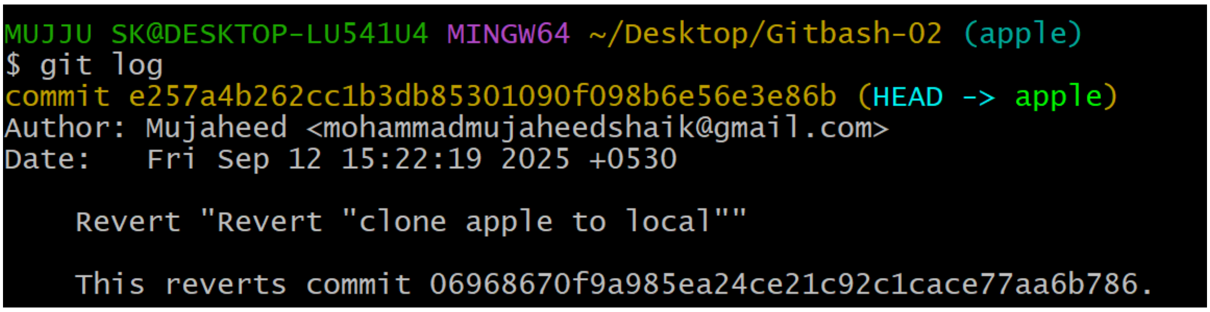
Use git log to check all the logs in git



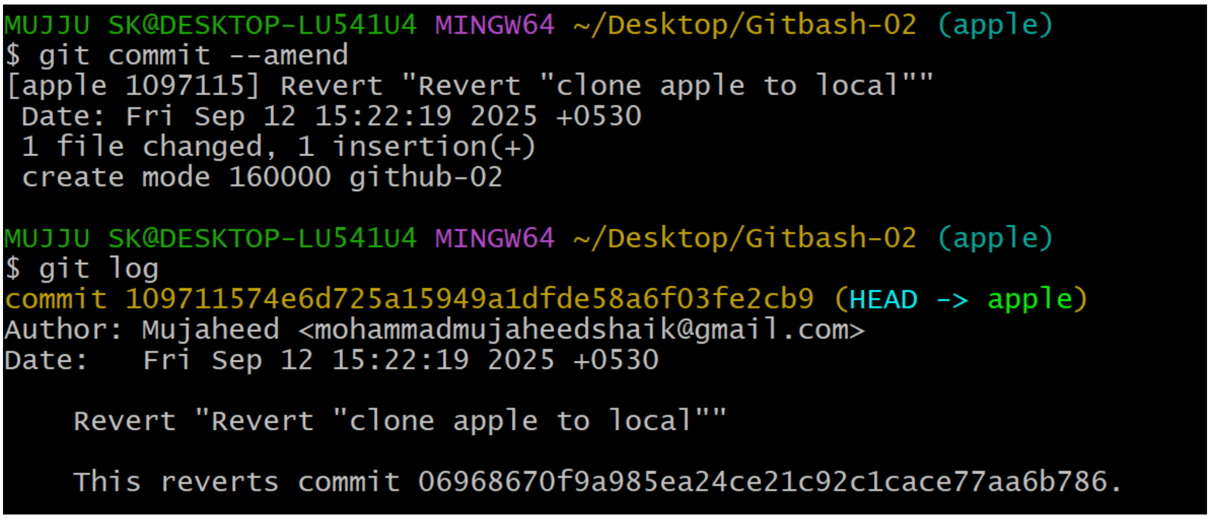
```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git log
commit e257a4b262cc1b3db85301090f098b6e56e3e86b (HEAD -> apple)
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 15:22:19 2025 +0530

    Revert "Revert "clone apple to local""

    This reverts commit 06968670f9a985ea24ce21c92c1cace77aa6b786.

commit 06968670f9a985ea24ce21c92c1cace77aa6b786
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 15:20:09 2025 +0530

    Revert "clone apple to local"

    This reverts commit c574fc6f2d8f93104e568b37efd3b3bbb8b13769.

commit c574fc6f2d8f93104e568b37efd3b3bbb8b13769
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 14:50:12 2025 +0530

    clone apple to local

commit ecf274b2af635c19142be292eafaf9eaf79069cc (origin/main, origin/apple)
Author: mujaheed00 <mohammadmujaheedshaik@gmail.com>
Date:   Thu Sep 11 17:20:53 2025 +0530

    Initial commit
```

21. Rename the commit message.

Git commit --amend is used to rename a commit message



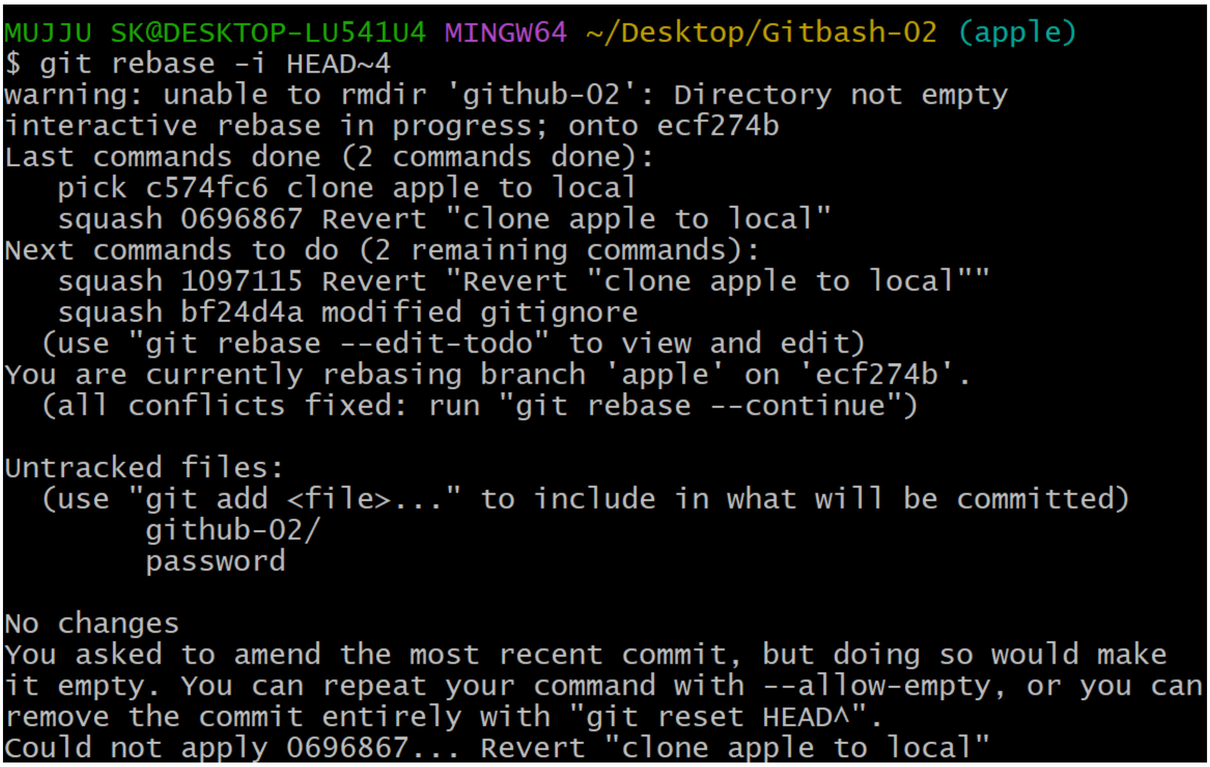
```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git log
commit e257a4b262cc1b3db85301090f098b6e56e3e86b (HEAD -> apple)
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 15:22:19 2025 +0530

    Revert "Revert "clone apple to local""

    This reverts commit 06968670f9a985ea24ce21c92c1cace77aa6b786.
```



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git commit --amend
[apple 1097115] Revert "Revert "clone apple to local""
 Date: Fri Sep 12 15:22:19 2025 +0530
 1 file changed, 1 insertion(+)
 create mode 160000 github-02

MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git log
commit 109711574e6d725a15949a1dfde58a6f03fe2cb9 (HEAD -> apple)
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 15:22:19 2025 +0530

    Revert "Revert "clone apple to local""

    This reverts commit 06968670f9a985ea24ce21c92c1cace77aa6b786.
```

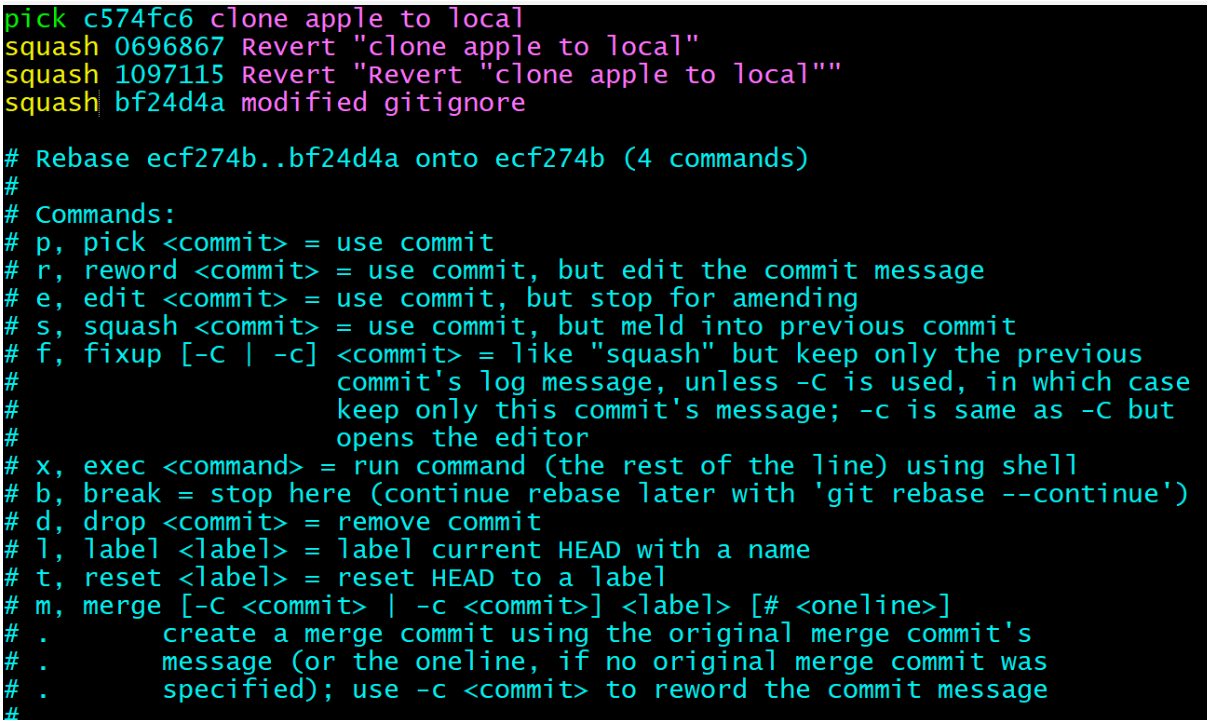
22. Merge multiple commits into single commit.

Use command git rebase -I HEAD~4 and replace pick to squash

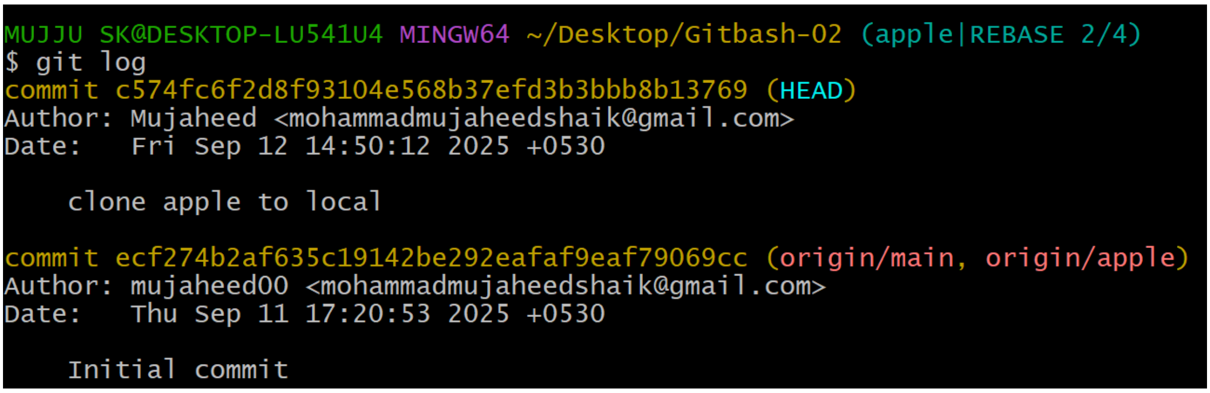


```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple)
$ git rebase -i HEAD~4
warning: unable to rmdir 'github-02': Directory not empty
interactive rebase in progress; onto ecf274b
Last commands done (2 commands done):
   pick c574fc6 clone apple to local
   squash 0696867 Revert "clone apple to local"
Next commands to do (2 remaining commands):
   squash 1097115 Revert "Revert "clone apple to local""
   squash bf24d4a modified gitignore
  (use "git rebase --edit-todo" to view and edit)
You are currently rebasing branch 'apple' on 'ecf274b'.
  (all conflicts fixed: run "git rebase --continue")

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        github-02/
        password

No changes
You asked to amend the most recent commit, but doing so would make
it empty. You can repeat your command with --allow-empty, or you can
remove the commit entirely with "git reset HEAD^".
Could not apply 0696867... Revert "clone apple to local"
```

Then change 3 picks to squash then it will merge 3 commits to single commit



```
pick c574fc6 clone apple to local
squash 0696867 Revert "clone apple to local"
squash 1097115 Revert "Revert "clone apple to local""
squash bf24d4a modified gitignore

# Rebase ecf274b..bf24d4a onto ecf274b (4 commands)
#
# Commands:
# p, pick <commit> = use commit
# r, reword <commit> = use commit, but edit the commit message
# e, edit <commit> = use commit, but stop for amending
# s, squash <commit> = use commit, but meld into previous commit
# f, fixup [-C | -c] <commit> = like "squash" but keep only the previous
#                    commit's log message, unless -C is used, in which case
#                    keep only this commit's message; -c is same as -C but
#                    opens the editor
# x, exec <command> = run command (the rest of the line) using shell
# b, break = stop here (continue rebase later with 'git rebase --continue')
# d, drop <commit> = remove commit
# l, label <label> = label current HEAD with a name
# t, reset <label> = reset HEAD to a label
# m, merge [-C <commit> | -c <commit>] <label> [# <oneline>]
# .       create a merge commit using the original merge commit's
# .       message (or the oneline, if no original merge commit was
# .       specified); use -c <commit> to reword the commit message
#
```



```
MUJJU SK@DESKTOP-LU541U4 MINGW64 ~/Desktop/Gitbash-02 (apple|REBASE 2/4)
$ git log
commit c574fc6f2d8f93104e568b37efd3b3bbb8b13769 (HEAD)
Author: Mujaheed <mohammadmujaheedshaik@gmail.com>
Date:   Fri Sep 12 14:50:12 2025 +0530

    clone apple to local

commit ecf274b2af635c19142be292eafaf9eaf79069cc (origin/main, origin/apple)
Author: mujaheed00 <mohammadmujaheedshaik@gmail.com>
Date:   Thu Sep 11 17:20:53 2025 +0530

    Initial commit
```