

SYSTEM DESIGN LAB

GIT BASIC COMMANDS

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn
$ git config --global user.name "ATHULYA KRISHNA"

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn
$ git config --global user.email "athulyakrishna2022@mca.ajce.in"

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn
$ git init
Initialized empty Git repository in F:/git learn/.git/

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    file1.txt

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

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git add file1.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   file1.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git add .

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   file1.txt
    new file:   file2.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
```

MINGW64:/f/git learn

```
(use "git rm --cached <file>..." to unstage)
new file:   file1.txt
new file:   file2.txt
```

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git status

On branch master

No commits yet

Changes to be committed:

```
(use "git rm --cached <file>..." to unstage)
new file:   file1.txt
new file:   file2.txt
```

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:   file2.txt
```

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git add .

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git status

On branch master

No commits yet

Changes to be committed:

```
(use "git rm --cached <file>..." to unstage)
new file:   file1.txt
new file:   file2.txt
```

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git commit -m "Frist Commit"

[master (root-commit) c303110] Frist Commit

2 files changed, 2 insertions(+)

create mode 100644 file1.txt

create mode 100644 file2.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git status

On branch master

nothing to commit, working tree clean

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)



Type here to search



MINGW64:/f/git learn

nothing to commit, working tree clean

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git log

commit c3031103ffaa6f09f3295e7934dc0e1b6499deed (HEAD -> master)

Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>

Date: Mon Jun 21 15:01:11 2021 +0530

Frist Commit

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

file3.txt

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

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git add file3.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: file3.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git commit -m "Second Commit"

[master 608eebb] Second Commit

1 file changed, 1 insertion(+)

create mode 100644 file3.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git log

commit 608eebb697ca632b6059a452cf93501eee44ef3d (HEAD -> master)

Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>

Date: Mon Jun 21 15:04:44 2021 +0530

Second Commit

commit c3031103ffaa6f09f3295e7934dc0e1b6499deed

Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>

Date: Mon Jun 21 15:01:11 2021 +0530

Frist Commit



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MINGW64:/f/git learn

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git commit -m "Second Commit"

[master 608eebb] Second Commit
1 file changed, 1 insertion(+)
create mode 100644 file3.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git log

commit 608eebb697ca632b6059a452cf93501eee44ef3d (HEAD -> master)
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date: Mon Jun 21 15:04:44 2021 +0530

Second Commit

commit c3031103ffaa6f09f3295e7934dc0e1b6499deed

Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date: Mon Jun 21 15:01:11 2021 +0530

Frist Commit

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git checkout^C

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git checkout ^C

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)

\$ git checkout c3031103ffaa6f09f3295e7934dc0e1b6499deed
Note: switching to 'c3031103ffaa6f09f3295e7934dc0e1b6499deed'.

You are in 'detached HEAD' state. You can look around, make experimental changes and commit them, and you can discard any commits you make in this state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may do so (now or later) by using -c with the switch command. Example:

git switch -c <new-branch-name>

Or undo this operation with:

git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at c303110 Frist Commit

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((c303110...))

\$ |



Type here to search



MINGW64:/f/git learn

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((c303110...))
$ git log
commit c3031103ffaa6f09f3295e7934dc0e1b6499deed (HEAD)
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date: Mon Jun 21 15:01:11 2021 +0530
```

Frist Commit

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((c303110...))
$ git log --all
commit 608eebb697ca632b6059a452cf93501eee44ef3d (master)
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date: Mon Jun 21 15:04:44 2021 +0530
```

Second Commit

```
commit c3031103ffaa6f09f3295e7934dc0e1b6499deed (HEAD)
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date: Mon Jun 21 15:01:11 2021 +0530
```

Frist Commit

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((c303110...))
$ git checkout 608eebb697ca632b6059a452cf93501eee44ef3d
Previous HEAD position was c303110 Frist Commit
HEAD is now at 608eebb Second Commit
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))
$ git log
commit 608eebb697ca632b6059a452cf93501eee44ef3d (HEAD, master)
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date: Mon Jun 21 15:04:44 2021 +0530
```

Second Commit

```
commit c3031103ffaa6f09f3295e7934dc0e1b6499deed
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date: Mon Jun 21 15:01:11 2021 +0530
```

Frist Commit

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))
$ git log --all --decorate --oneline --graph
* 608eebb (HEAD, master) Second Commit
* c303110 Frist Commit
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))
$ git branch feature
```



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MINGW64:/f/git learn

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))  
$ git branch feature
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))  
$ git branch  
* (HEAD detached at 608eebb)  
feature  
master
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))  
$ git branch auto
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))  
$ git branch  
* (HEAD detached at 608eebb)  
auto  
feature  
master
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn ((608eebb...))  
$ git checkout feature  
Switched to branch 'feature'
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (feature)  
$ git log --all --decorate --oneline --graph  
* 608eebb (HEAD -> feature, master, auto) Second Commit  
* c303110 Frist Commit
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (feature)  
$ git checkout auto  
Switched to branch 'auto'
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)  
$ git log --all --decorate --oneline --graph  
* 608eebb (HEAD -> auto, master, feature) Second Commit  
* c303110 Frist Commit
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)  
$ git status  
On branch auto  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    file4.txt
```

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

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)  
$ git add .
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)
```



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```
MINGW64:/f/git learn
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file4.txt

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

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)
$ git add .

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)
$ git commit -m "commit auto"
[auto f00e188] commit auto
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file4.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)
$ git status
On branch auto
nothing to commit, working tree clean

ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (auto)
$ git log
commit f00e1880329278201c816ef47abc7951d136c273 (HEAD -> auto)
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date:   Wed Jun 23 14:56:58 2021 +0530

    commit auto

commit 608eebb697ca632b6059a452cf93501eee44ef3d (master, feature)
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date:   Mon Jun 21 15:04:44 2021 +0530

    Second Commit

commit c3031103ffaa6f09f3295e7934dc0e1b6499deed
Author: ATHULYA KRISHNA <athulyakrishna2022@mca.ajce.in>
Date:   Mon Jun 21 15:01:11 2021 +0530

    Frist Commit
```

MINGW64:/f/git learn

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (feature)
$ git log --all --decorate --oneline --graph
* f00e188 (auto) commit auto
* 608eebb (HEAD -> feature, master) Second Commit
* c303110 Frist Commit
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (feature)
$ git checkout master
Switched to branch 'master'
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git merge feature
Already up to date.
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git merge auto
Updating 608eebb..f00e188
Fast-forward
 file4.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file4.txt
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git log --all --decorate --oneline --graph
* f00e188 (HEAD -> master, auto) commit auto
* 608eebb (feature) Second Commit
* c303110 Frist Commit
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git branch -d auto
Deleted branch auto (was f00e188).
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git log --all --decorate --oneline --graph
* f00e188 (HEAD -> master) commit auto
* 608eebb (feature) Second Commit
* c303110 Frist Commit
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git branch -D feature
Deleted branch feature (was 608eebb).
```

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$ git log --all --decorate --oneline --graph
* f00e188 (HEAD -> master) commit auto
* 608eebb Second Commit
* c303110 Frist Commit
```

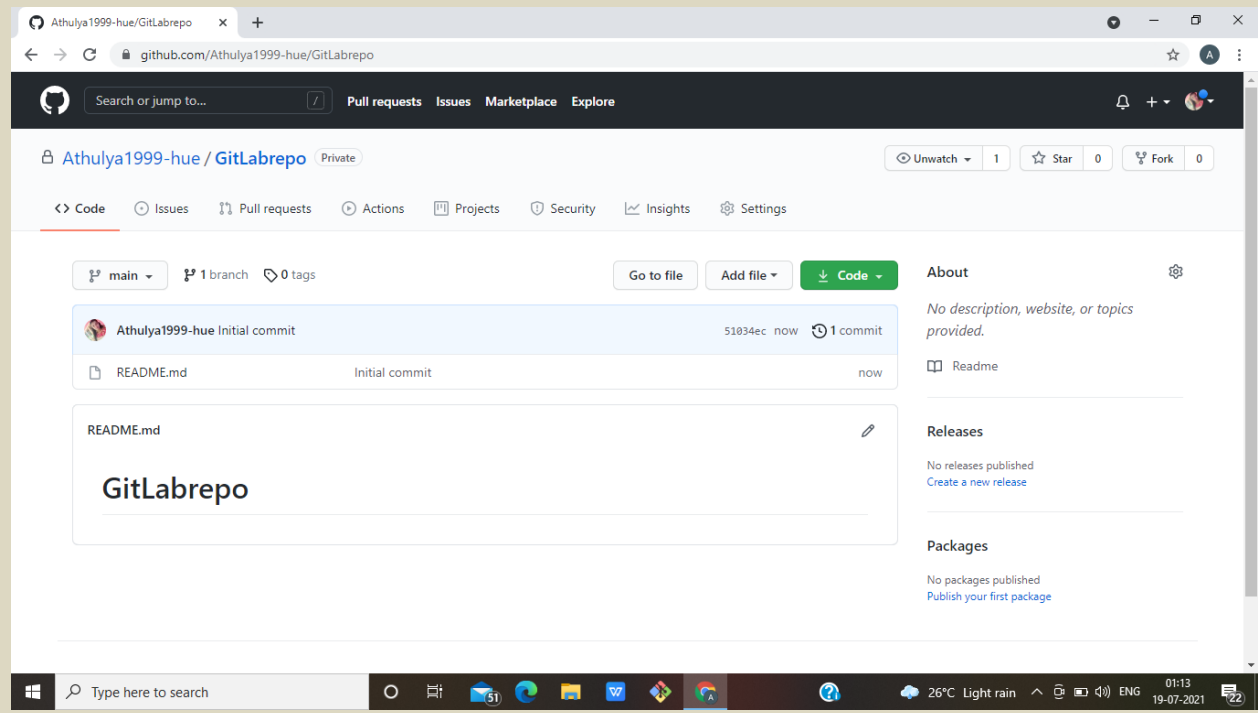
```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 /f/git learn (master)
$
```



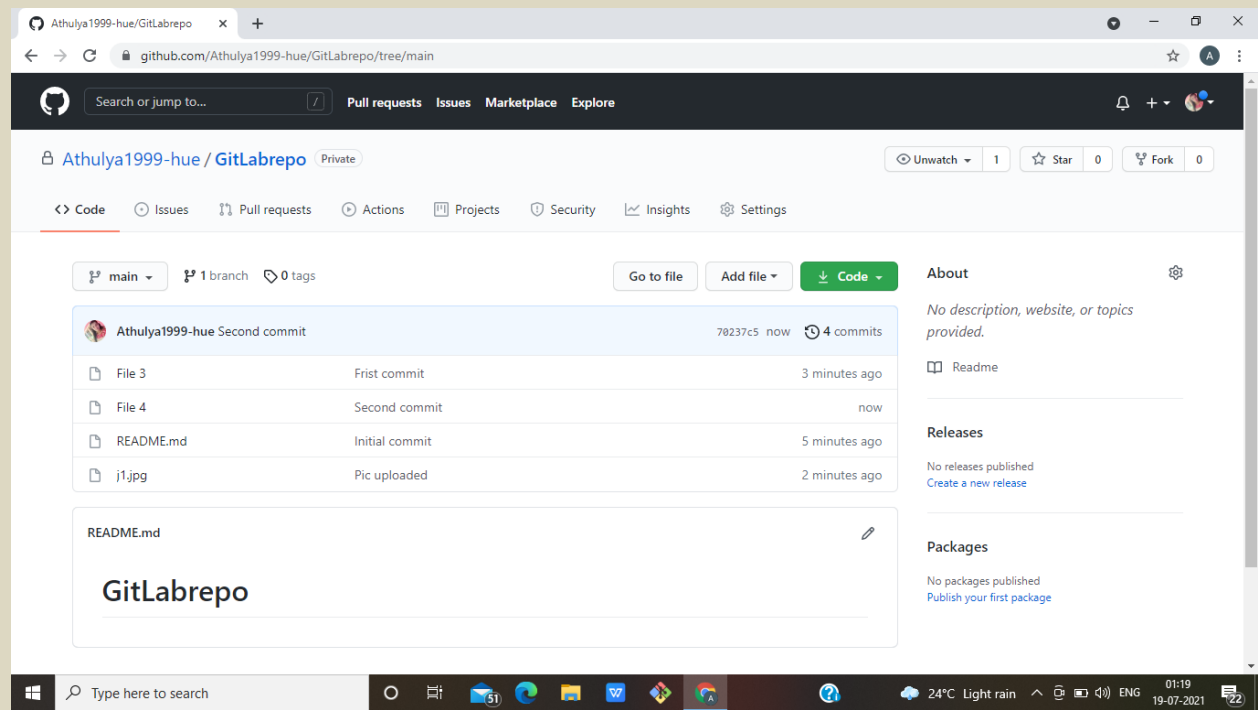
Type here to search



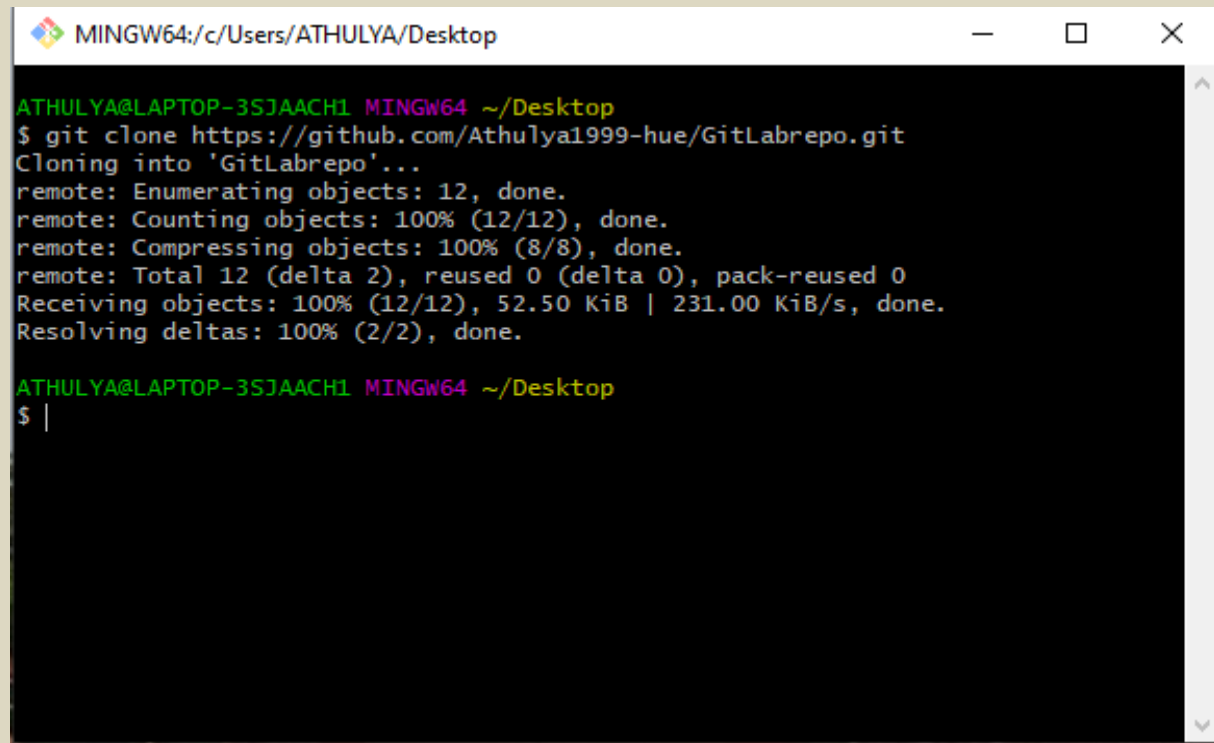
CREATING A GIT REPOSITORY



ADD FILES TO THE REMOTE REPOSITORY



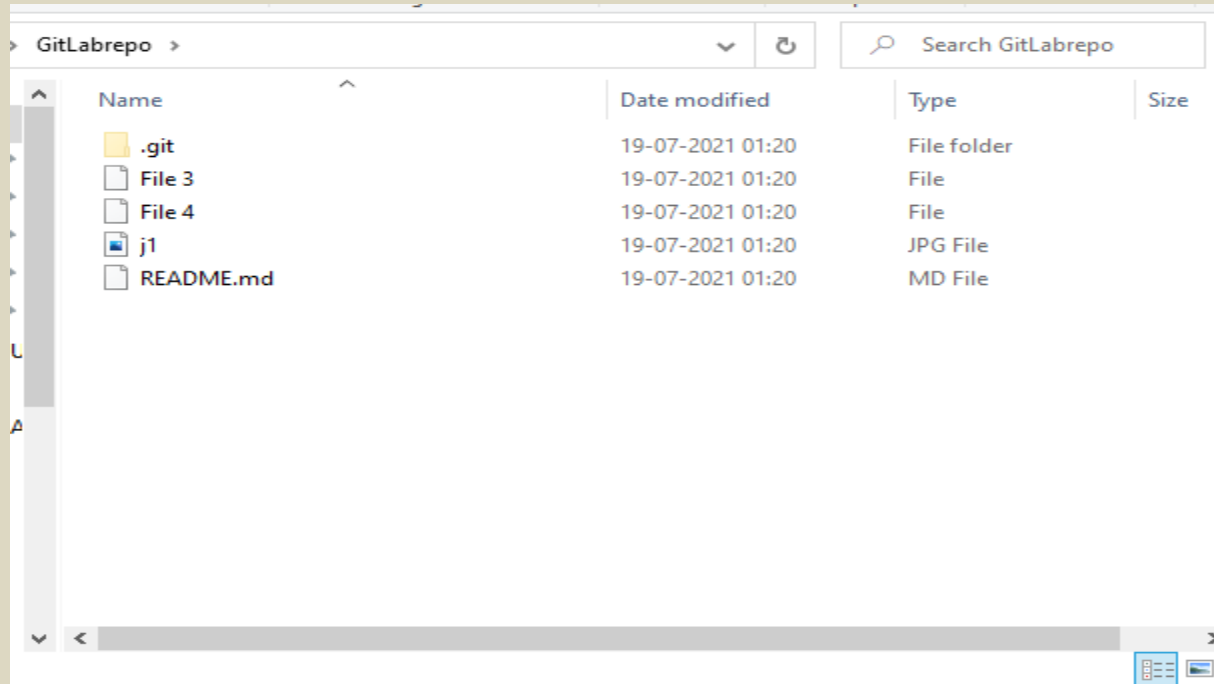
CLONE THE REPOSITORY



A terminal window titled 'MINGW64:/c/Users/ATHULYA/Desktop' showing the execution of a git clone command. The output shows the repository being cloned into 'GitLabrepo' with 12 objects enumerated, counted, and compressed. The total size is 52.50 KiB, and the download speed is 231.00 KiB/s. The process is completed successfully.

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop
$ git clone https://github.com/Athulya1999-hue/GitLabrepo.git
Cloning into 'GitLabrepo'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 12 (delta 2), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (12/12), 52.50 KiB | 231.00 KiB/s, done.
Resolving deltas: 100% (2/2), done.

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop
$ |
```



A file explorer window titled 'GitLabrepo' showing the contents of the cloned repository. The table lists the files and folders, their modification dates, types, and sizes.

Name	Date modified	Type	Size
.git	19-07-2021 01:20	File folder	
File 3	19-07-2021 01:20	File	
File 4	19-07-2021 01:20	File	
j1	19-07-2021 01:20	JPG File	
README.md	19-07-2021 01:20	MD File	

MODIFY FILES

```
MINGW64:/c:/Users/ATHULYA/Desktop/GitLabrepo

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
       File 5.txt

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

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git add .

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git commit -m "File 5 added"
[main 913779e] File 5 added
 1 file changed, 1 insertion(+)
 create mode 100644 File 5.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ |
```

```
MINGW64:/c:/Users/ATHULYA/Desktop/GitLabrepo
ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git log
commit 913779e5e96b7bb6c7dcc63427d5e28a6ee508ad (HEAD -> main)
Author: Athulya Krishna <athulyakrishna851@gmail.com>
Date:   Mon Jul 19 01:24:59 2021 +0530

    File 5 added

commit 70237c555872bd249b5f7067f78695d47606eb6b (origin/main, origin/HEAD)
Author: Athulya Krishna <74810581+Athulya1999-hue@users.noreply.github.com>
Date:   Mon Jul 19 01:18:48 2021 +0530

    Second commit

commit d89aa1e2cbc252d90fcd47ef55a429ae30a12ab6
Author: Athulya Krishna <74810581+Athulya1999-hue@users.noreply.github.com>
Date:   Mon Jul 19 01:16:40 2021 +0530

    Pic uploaded

commit b9605ff1d1884061402127d1ffaa97932f7a0934
Author: Athulya Krishna <74810581+Athulya1999-hue@users.noreply.github.com>
Date:   Mon Jul 19 01:15:30 2021 +0530

    Frist commit
...skipping...
commit 913779e5e96b7bb6c7dcc63427d5e28a6ee508ad (HEAD -> main)
Author: Athulya Krishna <athulyakrishna851@gmail.com>
Date:   Mon Jul 19 01:24:59 2021 +0530

    File 5 added

commit 70237c555872bd249b5f7067f78695d47606eb6b (origin/main, origin/HEAD)
Author: Athulya Krishna <74810581+Athulya1999-hue@users.noreply.github.com>
Date:   Mon Jul 19 01:18:48 2021 +0530

    Second commit

commit d89aa1e2cbc252d90fcd47ef55a429ae30a12ab6
Author: Athulya Krishna <74810581+Athulya1999-hue@users.noreply.github.com>
Date:   Mon Jul 19 01:16:40 2021 +0530

    Pic uploaded

commit b9605ff1d1884061402127d1ffaa97932f7a0934
Author: Athulya Krishna <74810581+Athulya1999-hue@users.noreply.github.com>
Date:   Mon Jul 19 01:15:30 2021 +0530

    Frist commit
```

Initial commit

~~~~~

```
ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git remote add lab https://github.com/Athulya1999-hue/GitLabrepo.git

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git push lab main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 294 bytes | 294.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Athulya1999-hue/GitLabrepo.git
70237c5..913779e main -> main
```

▼

Athulya1999-hue/GitLabrepo x +

github.com/Athulya1999-hue/GitLabrepo/tree/main

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Athulya1999-hue / GitLabrepo Private

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main 1 branch 0 tags

Go to file Add file Code

Athulyak1999-ak File 5 added 913779e 6 minutes ago 5 commits

|            |                |                |
|------------|----------------|----------------|
| File 3     | Frist commit   | 15 minutes ago |
| File 4     | Second commit  | 12 minutes ago |
| File 5.txt | File 5 added   | 6 minutes ago  |
| README.md  | Initial commit | 17 minutes ago |
| j1.jpg     | Pic uploaded   | 14 minutes ago |

README.md

# GitLabrepo

About

No description, website, or topics provided.

Readme

Releases

No releases published  
[Create a new release](#)

Packages

No packages published  
[Publish your first package](#)

Type here to search

24°C Light rain 01:31 19-07-2021

GitLabrepo

File Home Share View

Pin to Quick access Copy Paste Cut Copy path Paste shortcut Move to Copy to Delete Rename New folder Easy access Properties Edit History Select all Select none Invert selection

Clipboard Organize New Open Select

GitLabrepo

Quick access

- Desktop
- Documents
- Downloads
- Pictures
- Sent
- MOBILE COMPL
- New folder
- S4 MCA REGULA
- Screenshots
- OneDrive
- This PC
- 3D Objects
- Desktop
- Documents
- Downloads
- Music
- Pictures
- Videos
- Windows (C)

Name Date modified Type

|           |                  |               |
|-----------|------------------|---------------|
| .git      | 19-07-2021 01:35 | File folder   |
| File 3    | 19-07-2021 01:20 | File          |
| File 4    | 19-07-2021 01:20 | File          |
| File 5    | 19-07-2021 01:22 | Text Document |
| File 6    | 19-07-2021 01:34 | Text Document |
| j1        | 19-07-2021 01:20 | JPG File      |
| README.md | 19-07-2021 01:20 | MD File       |

7 items 1 item selected 18 bytes

MINGW64/c/Users/ATHULYA/Desktop/GitLabrepo

```
To https://github.com/Athulya1999-hue/GitLabrepo.git
70237c5..913779e main -> main

ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git branch auth
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git checkout auth
Switched to branch 'auth'

ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$ git status
On branch auth
Untracked Files:
  (use "git add <file>..." to include in what will be committed)
    File 6.txt

nothing added to commit but untracked files present (use "git add" to track)
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$ git add .
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$ git commit -m "File 6 Added"
[auth 9780598] File 6 Added
1 file changed, 1 insertion(+)
create mode 100644 File 6.txt
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$
```

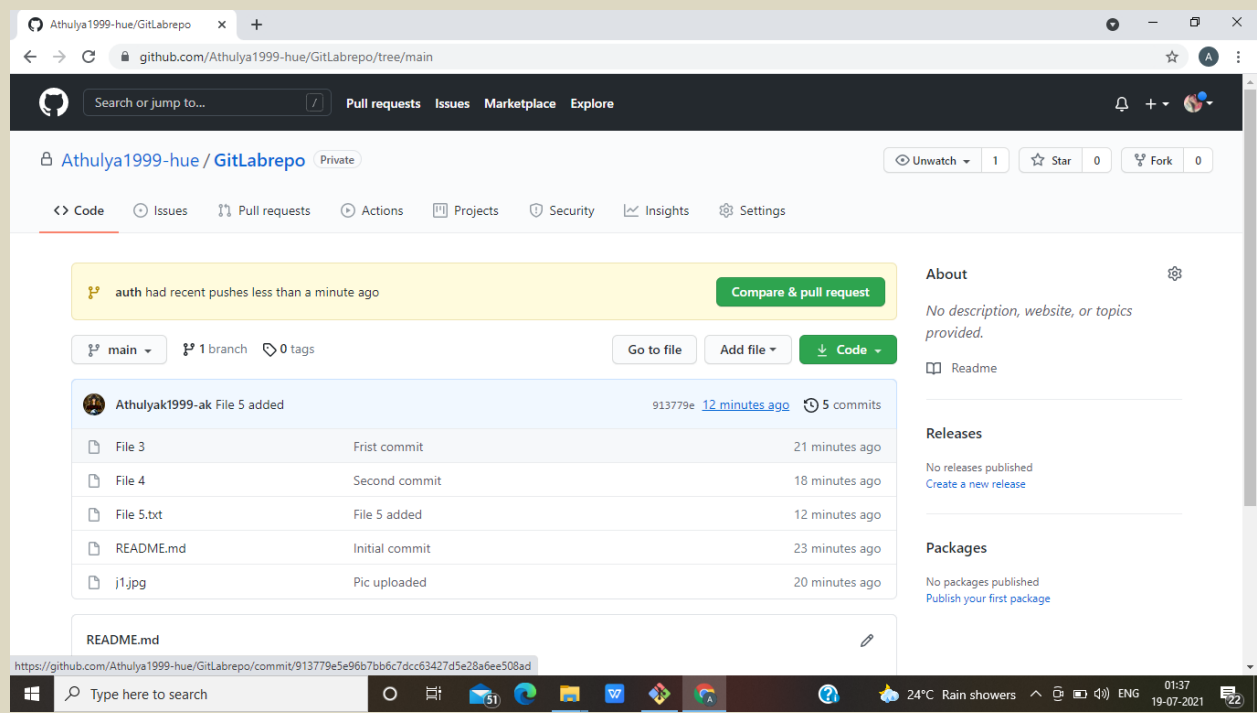
Type here to search

24°C Rain showers 01:35 19-07-2021

```
MINGW64:/c/Users/ATHULYA/Desktop/GitLabrepo
ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$ git commit -m " File 6 Added "
[auth 9780598] File 6 Added
1 file changed, 1 insertion(+)
create mode 100644 File 6.txt

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$ git push lab auth
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 294 bytes | 294.00 KiB/s, done.
Total 3 (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 'auth' on GitHub by visiting:
remote:   https://github.com/Athulya1999-hue/GitLabrepo/pull/new/auth
remote:
To https://github.com/Athulya1999-hue/GitLabrepo.git
 * [new branch]      auth -> auth

ATHULYA@LAPTOP-3SJAACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$
```



Comparing main...auth · Athulya | x +

github.com/Athulya1999-hue/GitLabrepo/compare/auth?expand=1

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: main ← compare: auth ✓ **Able to merge.** These branches can be automatically merged.

File 6 Added

Write Preview

H B I

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Reviewers

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Linked issues

Use **Closing keywords** in the description to automatically close issues

File 6 Added by Athulya1999-hue | x +

github.com/Athulya1999-hue/GitLabrepo/pull/1

## File 6 Added #1

Open

Athulya1999-hue wants to merge 1 commit into `main` from `auth`

Conversation 0

Commits 1

Checks 0

Files changed 1

+1 -0

Athulya1999-hue commented now

No description provided.

File 6 Added

9780598

Add more commits by pushing to the `auth` branch on `Athulya1999-hue/GitLabrepo`.

Continuous integration has not been set up

GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request You can also open this in GitHub Desktop or view command line instructions.

Write Preview

H B I

Type here to search 24°C Rain showers 01:39 19-07-2021

File 6 Added by Athulya1999-hue x +

github.com/Athulya1999-hue/GitLabrepo/pull/1

## File 6 Added #1

**Open** Athulya1999-hue wants to merge 1 commit into `main` from `auth`

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -0

Athulya1999-hue commented 1 minute ago

No description provided.

File 6 Added 9780598

Add more commits by pushing to the `auth` branch on Athulya1999-hue/GitLabrepo.

Merge pull request #1 from Athulya1999-hue/auth

File 6 Added

**Confirm merge** Cancel

Write Preview H B I  `< > @`

**Reviewers**  
No reviews

**Assignees**  
No one—assign yourself

**Labels**  
None yet

**Projects**  
None yet

**Milestone**  
No milestone

**Linked issues**  
Successfully merging this pull request may close these issues.  
None yet

Type here to search 24°C Rain showers 01:39 19-07-2021

File 6 Added by Athulya1999-hue x +

github.com/Athulya1999-hue/GitLabrepo/pull/1

**Merged** Athulya1999-hue merged 1 commit into `main` from `auth` now

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -0

Athulya1999-hue commented 2 minutes ago

No description provided.

File 6 Added 9780598

Athulya1999-hue merged commit 180977c into `main` now **Revert**

**Pull request successfully merged and closed**  
You're all set—the `auth` branch can be safely deleted. **Delete branch**

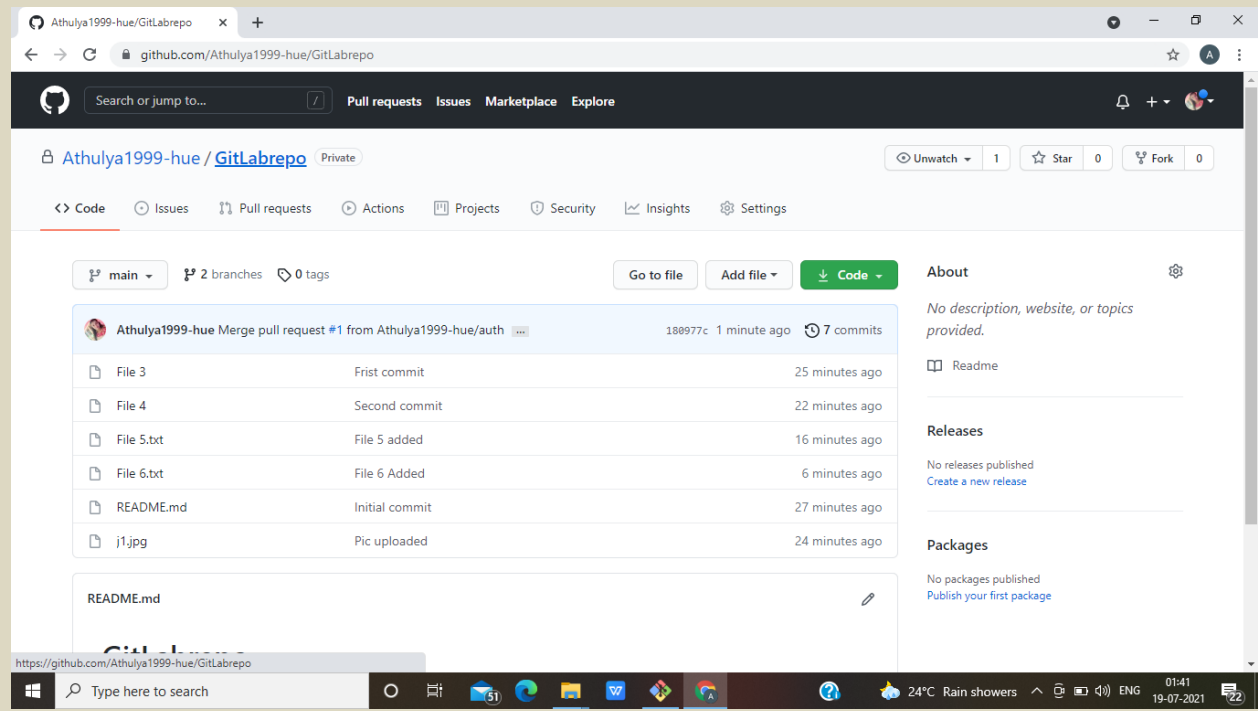
Write Preview H B I  `< > @`

Leave a comment

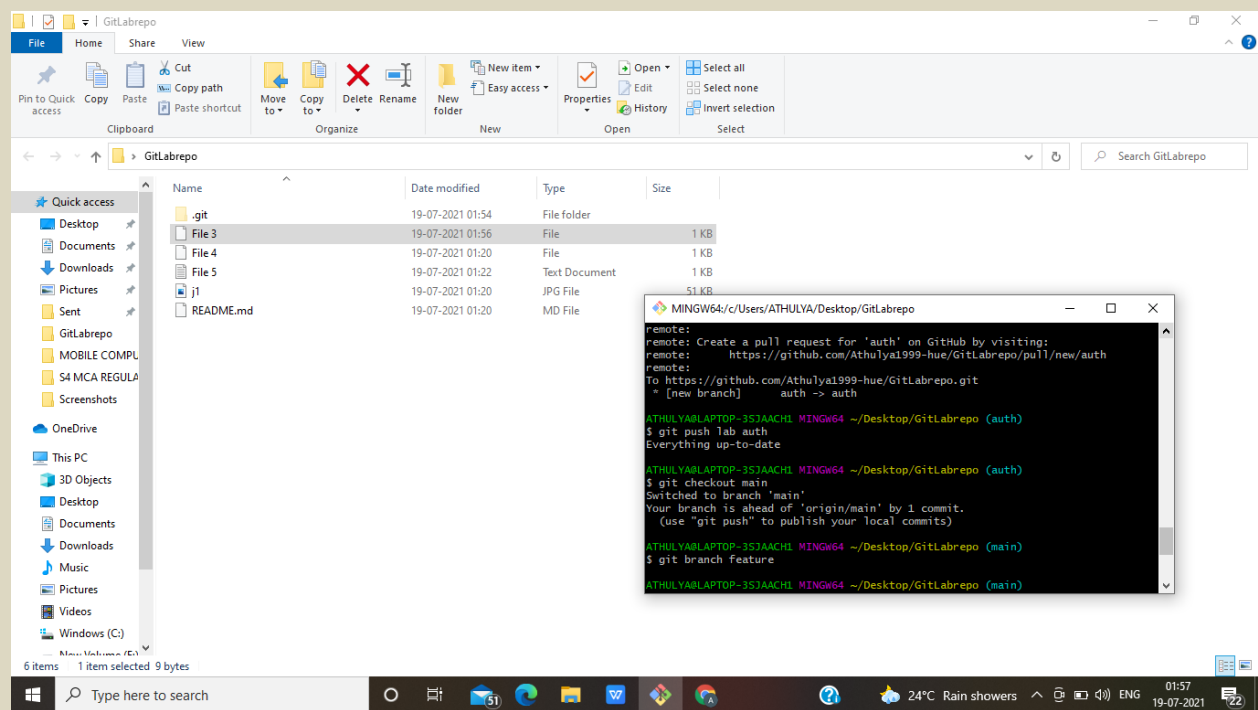
Attach files by dragging & dropping, selecting or pasting them.

Type here to search 24°C Rain showers 01:40 19-07-2021





## RESOLVE MERGE CONFLICTS



File Explorer window showing the contents of the GitLabrepo folder. The folder contains a .git folder, File 3, File 4, File 5, File 7, j1, and README.md. A terminal window is open, showing the output of the following commands:

```
MINGW64/c/Users/ATHULYA/Desktop/GitLabrepo
$ git checkout Feature
Switched to branch 'Feature'
$ git status
On branch Feature
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:   File 3

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        File 7.txt

no changes added to commit (use "git add" and/or "git commit -a")
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$ git add .
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$ git commit -m "File 3 modified and file 7 added"
[feature b820b57] File 3 modified and file 7 added
2 files changed, 3 insertions(+)
create mode 100644 File 7.txt
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$
```

File Explorer window showing the contents of the GitLabrepo folder. The folder contains a .git folder, File 3, File 4, File 5, File 7, j1, and README.md. A terminal window is open, showing the output of the following commands:

```
MINGW64/c/Users/ATHULYA/Desktop/GitLabrepo
        modified:   File 3

Untracked Files:
  (use "git add <file>..." to include in what will be committed)
        File 7.txt

no changes added to commit (use "git add" and/or "git commit -a")
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$ git add .
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$ git commit -m "File 3 modified and file 7 added"
[feature b820b57] File 3 modified and file 7 added
2 files changed, 3 insertions(+)
create mode 100644 File 7.txt
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$ git push lab Feature
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 453 bytes | 453.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Feature' on GitHub by visiting:
remote: https://github.com/Athulya1999-hue/GitLabrepo/pull/new/feature
remote:
To https://github.com/Athulya1999-hue/GitLabrepo.git
   [new branch]   feature -> feature
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$
```

Comparing main...feature · Athulya1999-hue | how to work merge conflict in git | +

github.com/Athulya1999-hue/GitLabrepo/compare/feature?expand=1

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: main ← compare: feature

Can't automatically merge. Don't worry, you can still create the pull request.

File 3 modified and file 7 added

Write Preview

H B I

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Reviewers

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Linked issues

Use [Closing keywords](#) in the description to automatically close issues

File 3 modified and file 7 added | how to work merge conflict in git | +

github.com/Athulya1999-hue/GitLabrepo/pull/2

## File 3 modified and file 7 added #2

Open

Athulya1999-hue wants to merge 1 commit into [main](#) from [feature](#)

Conversation 0

Commits 1

Checks 0

Files changed 2

+3 -0

Athulya1999-hue commented now

No description provided.

File 3 modified and file 7 added b820b57

Add more commits by pushing to the [feature](#) branch on [Athulya1999-hue/GitLabrepo](#).

This branch has conflicts that must be resolved

Use the [web editor](#) or the [command line](#) to resolve conflicts.

Resolve conflicts

Conflicting files

File 3

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Write Preview

H B I

Resolve Conflicts · Pull Request # x how to work merge conflict in gi x +

github.com/Athulya1999-hue/GitLabrepo/pull/2/conflicts

Athulya1999-hue / GitLabrepo Private

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests 1 Actions Projects Security Insights Settings

## File 3 modified and file 7 added #2

Resolving conflicts between feature and main and committing changes → feature

1 conflicting file

File 3  
File 3

File+3

1 conflict Prev Next Mark as resolved

```
1 Hello
2 <<<<<< feature
3 welcome
4 welcome
5 =====
6 hai
7 welcome
8 >>>>>> main
9
```

File 3 modified and file 7 added x how to work merge conflict in gi x +

github.com/Athulya1999-hue/GitLabrepo/pull/2/

## File 3 modified and file 7 added #2

Open Athulya1999-hue wants to merge 1 commit into main from feature

Conversation 0 Commits 1 Checks 0 Files changed 2 +3 -0

Athulya1999-hue commented 1 minute ago

No description provided.

File 3 modified and file 7 added b28b57

Add more commits by pushing to the feature branch on Athulya1999-hue/GitLabrepo.

Continuous integration has not been set up  
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

✓

This branch has no conflicts with the base branch  
Merging can be performed automatically.

Merge pull request You can also open this in GitHub Desktop or view command line instructions.

Write Preview

H B I i < > @ ↩

24°C Rain showers 02:05 19-07-2021

File 3 modified and file 7 added | x | how to work merge conflict in gi... | +

github.com/Athulya1999-hue/GitLabrepo/pull/2/

**Merged** File 3 modified and file 7 added #2  
Athulya1999-hue merged 2 commits into `main` from `feature` now

Athulya1999-hue commented 2 minutes ago

No description provided.

File 3 modified and file 7 added b820b57

Merge branch 'main' into feature **Verified** 216cddb

Athulya1999-hue merged commit 44e9865 into `main` now **Revert**

**Pull request successfully merged and closed**  
You're all set—the `feature` branch can be safely deleted. **Delete branch**

Write Preview H B I

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

**Reviewers**  
No reviews

**Assignees**  
No one—assign yourself

**Labels**  
None yet

**Projects**  
None yet

**Milestone**  
No milestone

**Linked issues**  
Successfully merging this pull request may close these issues.  
None yet

**Notifications** Customize  
**Unsubscribe**  
You're receiving notifications because you're

Athulya1999-hue/GitLabrepo | x | how to work merge conflict in gi... | +

github.com/Athulya1999-hue/GitLabrepo

Athulya1999-hue / GitLabrepo Private

Unwatch 1 Star 0 Fork 0

<> Code Issues Pull requests Actions Projects Security Insights Settings

main 3 branches 0 tags

Go to file Add file Code

Athulya1999-hue Merge pull request #2 from Athulya1999-hue/feature 44e9865 26 seconds ago 11 commits

|            |                                  |                |
|------------|----------------------------------|----------------|
| File 3     | Merge branch 'main' into feature | 1 minute ago   |
| File 4     | Second commit                    | 1 hour ago     |
| File 5.txt | File 5 added                     | 42 minutes ago |
| File 6.txt | File 6 Added                     | 32 minutes ago |
| File 7.txt | File 3 modified and file 7 added | 5 minutes ago  |
| README.md  | Initial commit                   | 1 hour ago     |
| j1.jpg     | Pic uploaded                     | 1 hour ago     |

README.md

# GitLabrepo

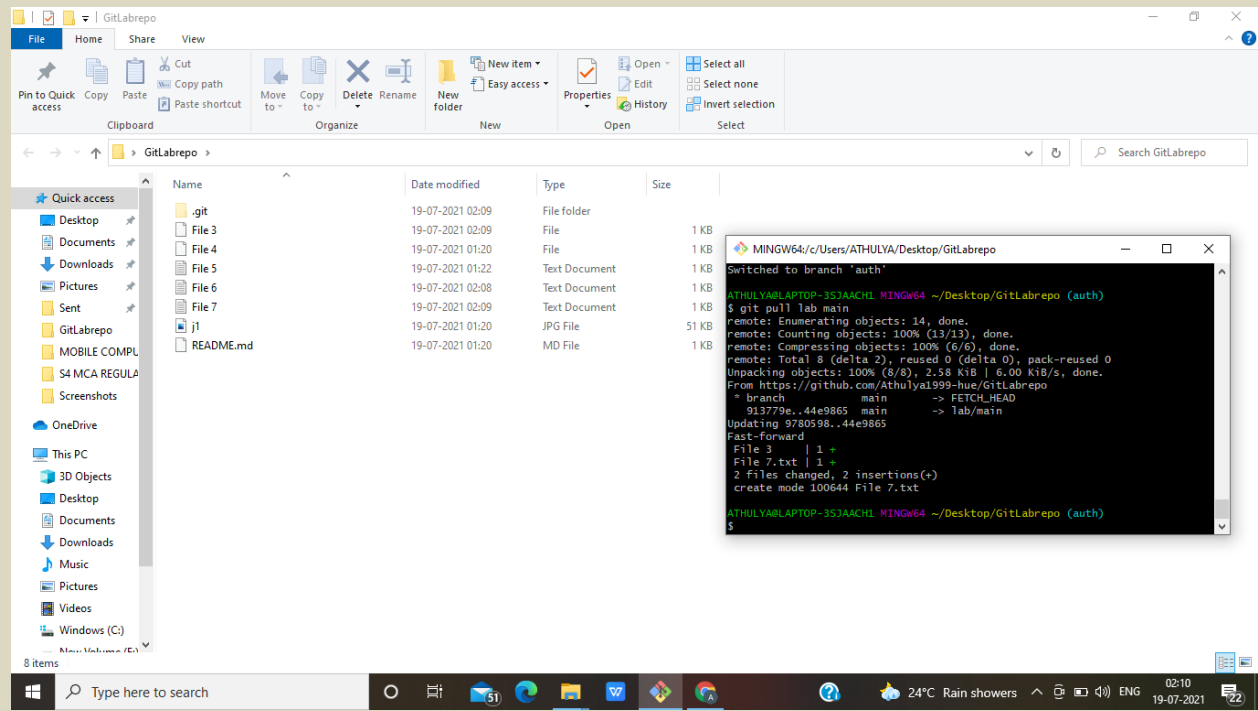
**About**  
No description, website, or topics provided.

**Readme**

**Releases**  
No releases published  
[Create a new release](#)

**Packages**  
No packages published  
[Publish your first package](#)

# PULL THE CONTENTS FROM GITHUB TO YOUR REPOSITORY

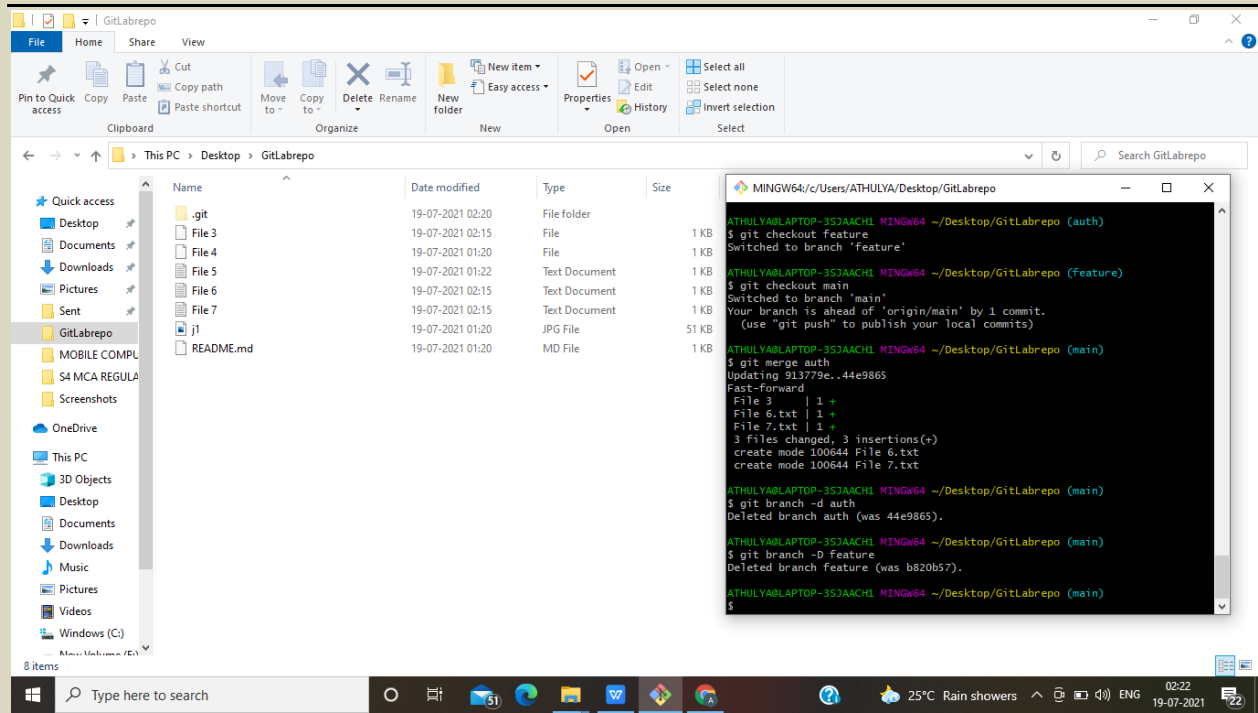


The screenshot shows a Windows File Explorer window titled 'GitLabrepo'. The left sidebar shows the 'Quick access' pane with 'This PC' selected. The main pane displays a list of files and folders:

| Name      | Date modified    | Type          | Size  |
|-----------|------------------|---------------|-------|
| .git      | 19-07-2021 02:09 | File folder   |       |
| File 3    | 19-07-2021 02:09 | File          | 1 KB  |
| File 4    | 19-07-2021 01:20 | File          | 1 KB  |
| File 5    | 19-07-2021 01:22 | Text Document | 1 KB  |
| File 6    | 19-07-2021 02:08 | Text Document | 1 KB  |
| File 7    | 19-07-2021 02:09 | Text Document | 1 KB  |
| j1        | 19-07-2021 01:20 | JPG File      | 51 KB |
| README.md | 19-07-2021 01:20 | MD File       | 1 KB  |

A terminal window is open, showing the output of a 'git pull' command:

```
MINGW64/c/Users/ATHULYA/Desktop/GitLabrepo
Switched to branch 'auth'
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$ git pull lab main
remote: Enumerating objects: 14, done.
remote: Counting objects: 100% (13/13), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 8 (delta 2), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (8/8), 2.58 KiB | 6.00 KiB/s, done.
From https://github.com/Athulya1999-hue/GitLabrepo
+ branch main -> FETCH_HEAD
913779e..44e9865 main -> lab/main
Updating 9780598..44e9865
Fast-forward
 File 3 | 1 +
 File 7.txt | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 File 7.txt
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$
```



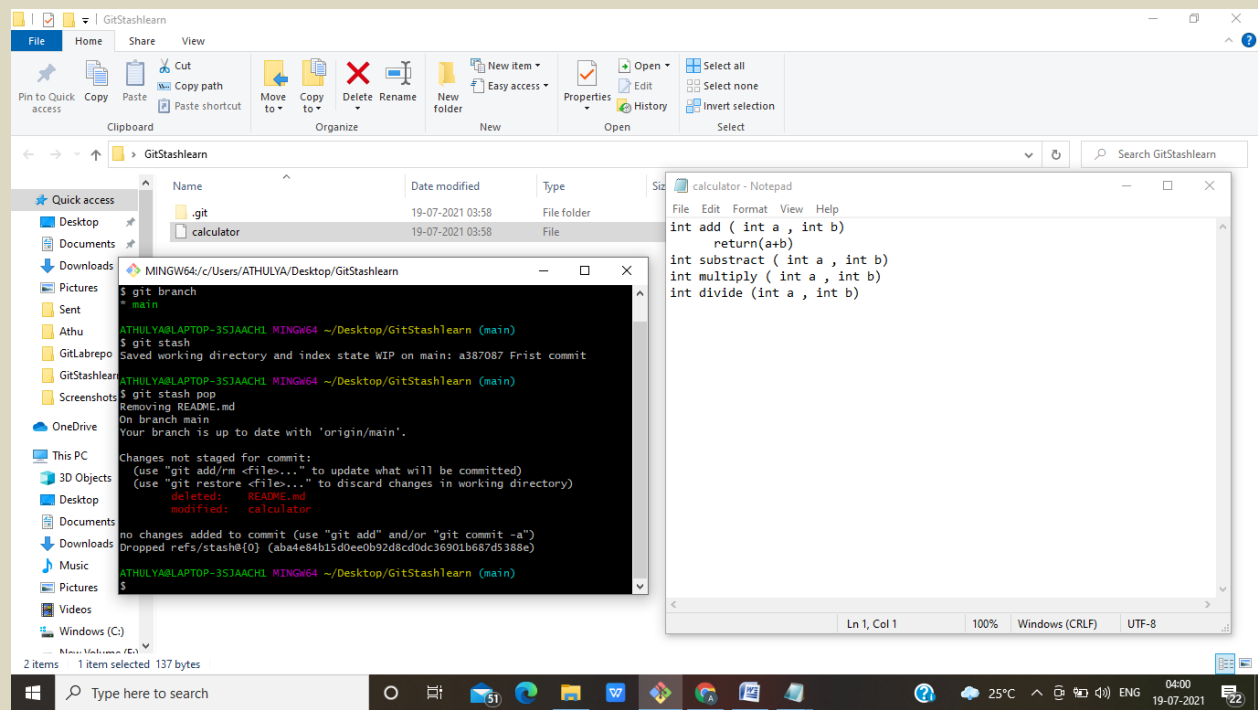
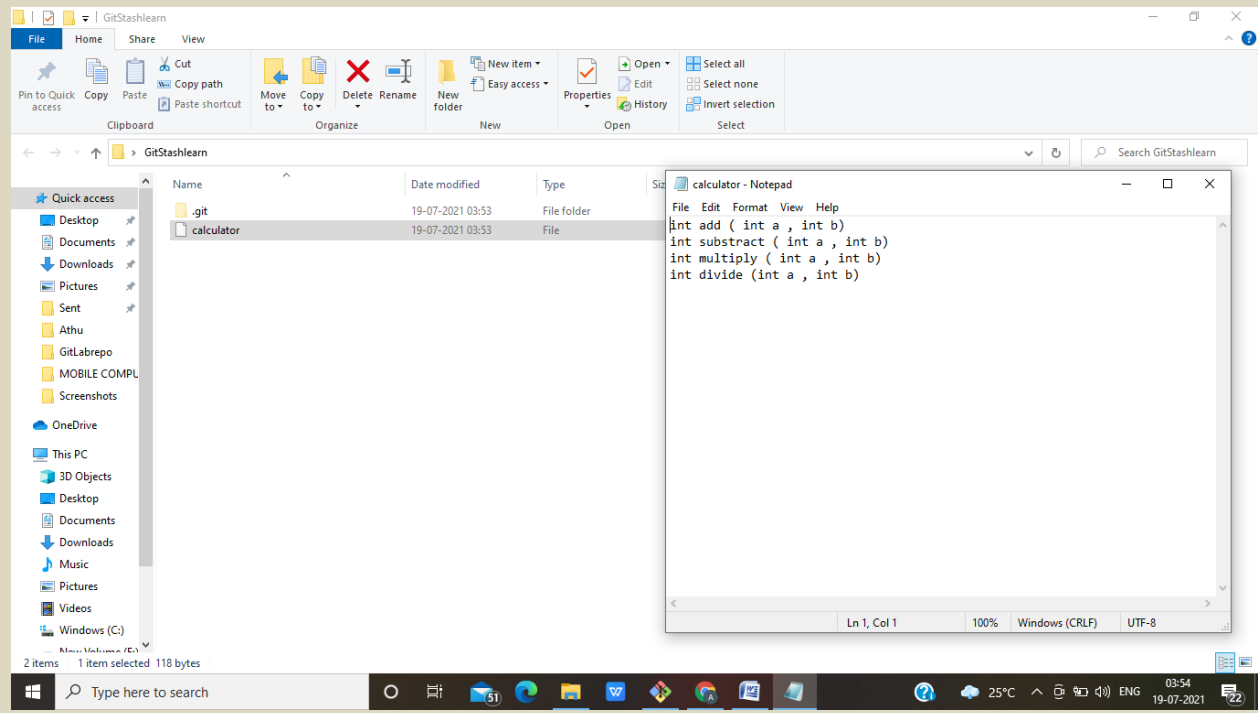
The screenshot shows a Windows File Explorer window titled 'GitLabrepo'. The left sidebar shows the 'Quick access' pane with 'This PC' selected. The main pane displays a list of files and folders:

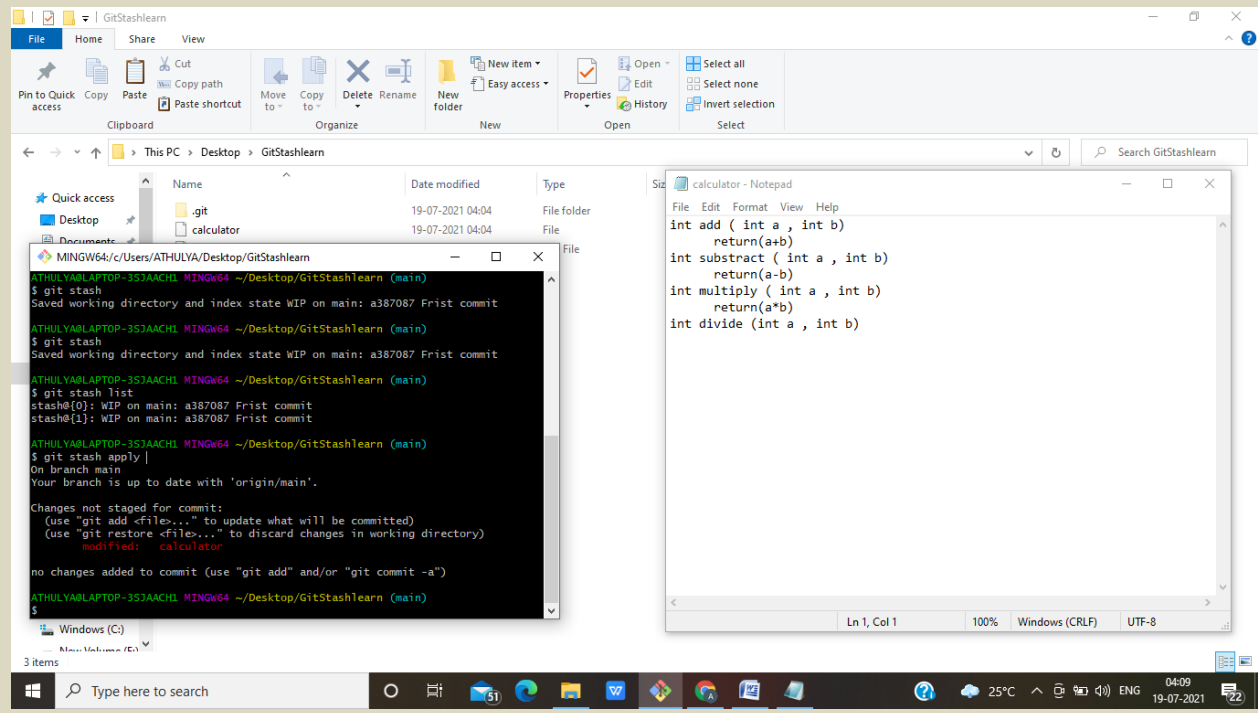
| Name      | Date modified    | Type          | Size  |
|-----------|------------------|---------------|-------|
| .git      | 19-07-2021 02:20 | File folder   |       |
| File 3    | 19-07-2021 02:15 | File          | 1 KB  |
| File 4    | 19-07-2021 01:20 | File          | 1 KB  |
| File 5    | 19-07-2021 01:22 | Text Document | 1 KB  |
| File 6    | 19-07-2021 02:15 | Text Document | 1 KB  |
| File 7    | 19-07-2021 02:15 | Text Document | 1 KB  |
| j1        | 19-07-2021 01:20 | JPG File      | 51 KB |
| README.md | 19-07-2021 01:20 | MD File       | 1 KB  |

A terminal window is open, showing the output of a 'git checkout feature' command:

```
MINGW64/c/Users/ATHULYA/Desktop/GitLabrepo
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (auth)
$ git checkout feature
Switched to branch 'feature'
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (feature)
$ git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git merge auth
Updating 913779e..44e9865
Fast-forward
 File 3 | 1 +
 File 6.txt | 1 +
 File 7.txt | 1 +
 3 files changed, 3 insertions(+)
 create mode 100644 File 6.txt
 create mode 100644 File 7.txt
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git branch -d auth
Deleted branch auth (was 44e9865).
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$ git branch -d feature
Deleted branch feature (was b820b57).
ATHULYABLAPTOP-353AACH1 MINGW64 ~/Desktop/GitLabrepo (main)
$
```

# STASH COMMAND





***Submitted By:***

***Athulya Krishna***

***Roll No: 04(12076)***

***S4 MCA Regular***

***MCA,AJCE***