

GIT COMMANDS (21/06/2021)

```
MINGW64:/c/Users/Antu J/Desktop/GitLab1

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (master)
$ git add file1.txt

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (master)
$ git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file2.txt
        file3.txt

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (master)
$ git add file2.txt

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file3.txt

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (master)
$ git add file3.txt

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (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
        new file:   file3.txt
```

MINGW64:/c/Users/Antu J/Desktop/GitLab1

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (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
new file:   file3.txt
```

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (master)

```
$ git commit -m "first commit"
```

[master (root-commit) d78457d] first commit

3 files changed, 3 insertions(+)

create mode 100644 file1.txt

create mode 100644 file2.txt

create mode 100644 file3.txt

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (master)

```
$ git log
```

commit d78457df7224de483c54bb46450c05d14595a6de (HEAD -> master)

Author: Antu jilson <antujilson2022@mca.ajce.in>

Date: Sun Jul 18 23:29:04 2021 +0530

first commit

Antu J@AJ MINGW64 ~/Desktop/GitLab1 (master)

```
$ git checkout d78457df7224de483c54bb46450c05d14595a6de
```

Note: switching to 'd78457df7224de483c54bb46450c05d14595a6de'.

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 d78457d first commit

Antu J@AJ MINGW64 ~/Desktop/GitLab1 ((d78457d...))

```
$ |
```

GIT COMMANDS (23/06/2021)

```
MINGW64:/c/Users/Antu J/Desktop/Gitlab

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((42a2969...))
$ git log
commit 42a29698c6e856e3b5269b97d8beb4381ddacd0d (HEAD)
Author: AntuJilson <antujilson2022@mca.ajce.in>
Date:   Wed Jun 23 17:40:32 2021 +0530

    first commit

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((42a2969...))
$ git log --all
commit cb405e849bf2d1c1013193b2fca8f69959f945f9 (master)
Author: AntuJilson <antujilson2022@mca.ajce.in>
Date:   Wed Jun 23 17:42:27 2021 +0530

    second commit

commit 42a29698c6e856e3b5269b97d8beb4381ddacd0d (HEAD)
Author: AntuJilson <antujilson2022@mca.ajce.in>
Date:   Wed Jun 23 17:40:32 2021 +0530

    first commit

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((42a2969...))
$ git checkout cb405e849bf2d1c1013193b2fca8f69959f945f9
Previous HEAD position was 42a2969 first commit
HEAD is now at cb405e8 second commit

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))
$ git log
commit cb405e849bf2d1c1013193b2fca8f69959f945f9 (HEAD, master)
Author: AntuJilson <antujilson2022@mca.ajce.in>
Date:   Wed Jun 23 17:42:27 2021 +0530

    second commit

commit 42a29698c6e856e3b5269b97d8beb4381ddacd0d
Author: AntuJilson <antujilson2022@mca.ajce.in>
Date:   Wed Jun 23 17:40:32 2021 +0530

    first commit

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))
$ git log --all --decorate --oneline --graph
* cb405e8 (HEAD, master) second commit
* 42a2969 first commit

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))
$ git branch feature

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))
$ git branch
* (HEAD detached at cb405e8)
  feature
  master

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))
$ git branch auth
```

MINGW64:/c/Users/Antu J/Desktop/Gitlab

master

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))  
$ git branch auth
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))  
$ git branch  
* (HEAD detached at cb405e8)  
  auth  
  feature  
  master
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab ((cb405e8...))  
$ git checkout feature  
Switched to branch 'feature'
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (feature)  
$ git log --all --decorate --oneline --graph  
* cb405e8 (HEAD -> feature, master, auth) second commit  
* 42a2969 first commit
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (feature)  
$ git checkout auth  
Switched to branch 'auth'
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)  
$ git log --all --decorate --oneline --graph  
* cb405e8 (HEAD -> auth, master, feature) second commit  
* 42a2969 first commit
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)  
$ git status  
On branch auth  
nothing to commit, working tree clean
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)  
$ git status  
On branch auth  
Untracked files:  
  (use "git add <file>..." to include in what will be committed)  
    file5.txt
```

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

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)  
$ git add file5.txt
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)  
$ git commit -m "auth as commit"  
[auth 7690f42] auth as commit  
1 file changed, 1 insertion(+)  
create mode 100644 file5.txt
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)  
$ git status  
On branch auth  
nothing to commit, working tree clean
```

MINGW64:/c/Users/Antu J/Desktop/Gitlab

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)

\$ git status

On branch auth

nothing to commit, working tree clean

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)

\$ git log

commit 7690f42366951e697ceb7758dd2da5258f0f9dbf (HEAD -> auth)

Author: AntuJilson <antujilson2022@mca.ajce.in>

Date: Wed Jun 23 17:55:26 2021 +0530

auth as commit

commit cb405e849bf2d1c1013193b2fca8f69959f945f9 (master, feature)

Author: AntuJilson <antujilson2022@mca.ajce.in>

Date: Wed Jun 23 17:42:27 2021 +0530

second commit

commit 42a29698c6e856e3b5269b97d8beb4381ddacd0d

Author: AntuJilson <antujilson2022@mca.ajce.in>

Date: Wed Jun 23 17:40:32 2021 +0530

first commit

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (auth)

\$ git checkout master

Switched to branch 'master'

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)

\$ git merge auth

Updating cb405e8..7690f42

Fast-forward

file5.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 file5.txt

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)

\$ git merge feature

Already up to date.

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)

\$ git log --all --decorate --oneline --graph

* 7690f42 (HEAD -> master, auth) auth as commit

* cb405e8 (feature) second commit

* 42a2969 first commit

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)

\$ git branch -d auth

Deleted branch auth (was 7690f42).

Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)

\$ git log --all --decorate --oneline --graph

* 7690f42 (HEAD -> master) auth as commit

* cb405e8 (feature) second commit

* 42a2969 first commit


```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)
$ git merge feature
Already up to date.
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)
$ git log --all --decorate --oneline --graph
* 7690f42 (HEAD -> master, auth) auth as commit
* cb405e8 (feature) second commit
* 42a2969 first commit
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)
$ git branch -d auth
Deleted branch auth (was 7690f42).
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)
$ git log --all --decorate --oneline --graph
* 7690f42 (HEAD -> master) auth as commit
* cb405e8 (feature) second commit
* 42a2969 first commit
```

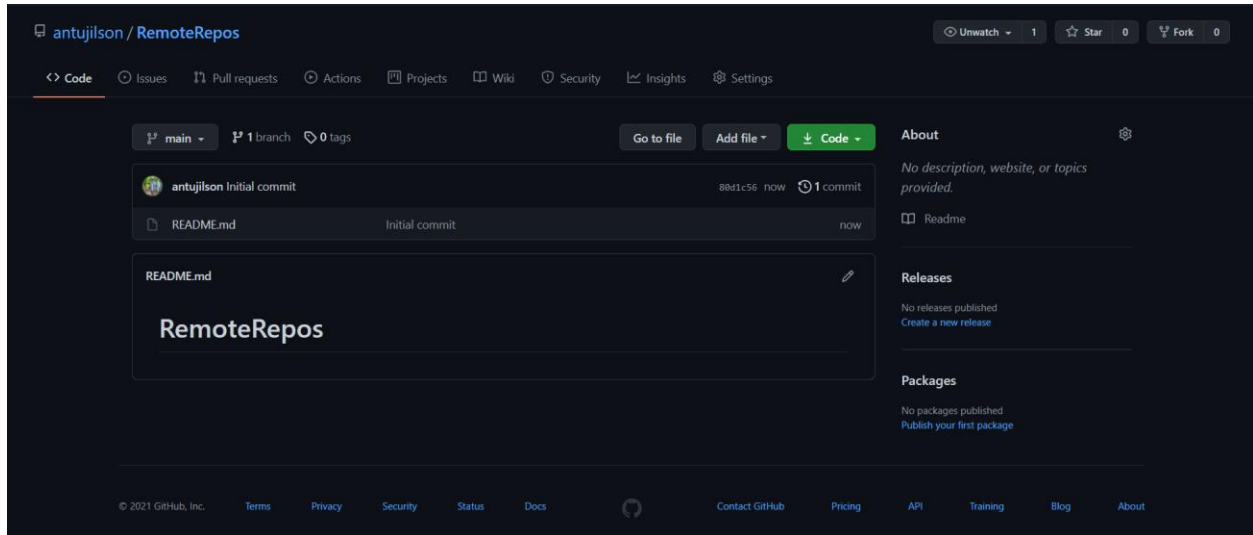
```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)
$ git branch -d feature
Deleted branch feature (was cb405e8).
```

```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)
$ git log --all --decorate --oneline --graph
* 7690f42 (HEAD -> master) auth as commit
* cb405e8 second commit
* 42a2969 first commit
```

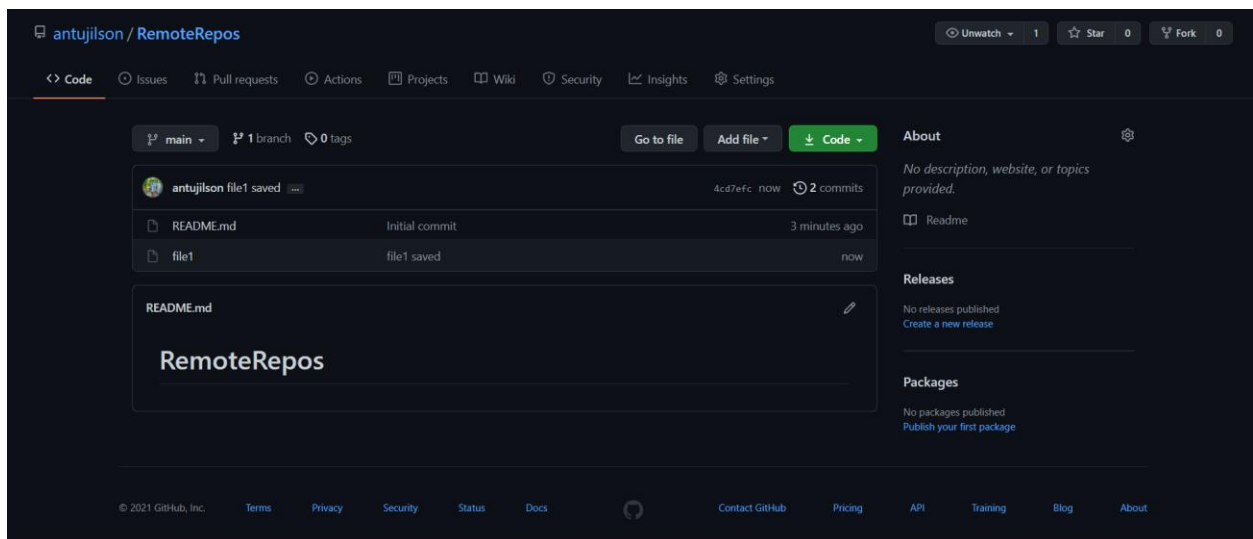
```
Antu J@LAPTOP-A4QB2MCI MINGW64 ~/Desktop/Gitlab (master)
$ |
```

GIT COMMANDS (05/07/2021)

1) Create a repository



2) Add files to remote repository






Pushing files

```
Antu J0AJ MINGW64 ~/Desktop/remoterepo (main)
$ git remote https://github.com/antujilson/remoterepo.git
error: Unknown subcommand: https://github.com/antujilson/remoterepo.git
usage: git remote [-v | --verbose]
or: git remote add [-t <branch>] [-m <master>] [-f] [--tags | --no-tags] [--mirror=<fetch|push>] <name> <url>
or: git remote rename <old> <new>
or: git remote remove <name>
or: git remote set-head <name> (-a | --auto | -d | --delete | <branch>)
or: git remote [-v | --verbose] show [-n] <name>
or: git remote prune [-n | --dry-run] <name>
or: git remote [-v | --verbose] update [-p | --prune] [( <group> | <remote> )...]
or: git remote set-branches [--add] <name> <branch>...
or: git remote get-url [--push] [--all] <name>
or: git remote set-url [--push] <name> <newurl> [<oldurl>]
or: git remote set-url --add <name> <newurl>
or: git remote set-url --delete <name> <url>

-v, --verbose          be verbose; must be placed before a subcommand
```

```
Antu J0AJ MINGW64 ~/Desktop/remoterepo (main)
$ git remote add origin https://github.com/antujilson/remoterepo.git
error: remote origin already exists.
```

```
Antu J0AJ MINGW64 ~/Desktop/remoterepo (main)
$ git push origin main
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), 398 bytes | 398.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/antujilson/remoterepo.git
5691ae7..4cba255 main -> main
```

Name	Date modified	Type	Size
 .git	07-07-2021 11:05 AM	File folder	
 file1	07-07-2021 10:59 AM	File	1 KB
 README.md	07-07-2021 10:59 AM	MD File	1 KB

MINGW64:/c/Users/Antu J/Desktop/remoterepo

Antu J@AJ MINGW64 ~/Desktop/remoterepo (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)

attend.txt

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

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)

\$ git add attend.txt

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)

\$ git commit -m "attendance added successfully"

[main 4cba255] attendance added successfully

1 file changed, 7 insertions(+)

create mode 100644 attend.txt

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)

\$ git log

commit 4cba2555612da74fa5e736d19a64ac762ce1d132 (HEAD -> main)

Author: Antujilson <antujilson2022@mca.ajce.in>

Date: Mon Jul 12 16:08:43 2021 +0530

attendance added successfully

commit 5691ae724dce9b23f50131b7ff94c2ebb002f92f (origin/main, origin/HEAD)

Author: Antu Jilson <77200535+antujilson@users.noreply.github.com>

Date: Mon Jul 12 16:01:05 2021 +0530

image 1 uploaded

image 1 uploaded

commit 213617e05f38bc5a4587a70721cec7c1918766da

Author: Antu Jilson <77200535+antujilson@users.noreply.github.com>

Date: Mon Jul 12 16:00:03 2021 +0530

Created file 1

Created file 1

commit a5e65a5d6512186deb2a56b09b054b60c86f49ff

:...skipping...

commit 4cba2555612da74fa5e736d19a64ac762ce1d132 (HEAD -> main)

Author: Antujilson <antujilson2022@mca.ajce.in>

Date: Mon Jul 12 16:08:43 2021 +0530

attendance added successfully

commit 5691ae724dce9b23f50131b7ff94c2ebb002f92f (origin/main, origin/HEAD)

Author: Antu Jilson <77200535+antujilson@users.noreply.github.com>

Date: Mon Jul 12 16:01:05 2021 +0530

image 1 uploaded

```

MINGW64~/c/Users/Antu J/Desktop/remoterepo
4cba255..3b6c3c9 main -> origin/main
Updating 42730cb..3b6c3c9
Fast-forward

Antu J@AJ MINGW64 ~/Desktop/remoterepo (auth)
$ git branch feature

Antu J@AJ MINGW64 ~/Desktop/remoterepo (auth)
$ git checkout feature
Switched to branch 'feature'

Antu J@AJ MINGW64 ~/Desktop/remoterepo (feature)
$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
    add

Antu J@AJ MINGW64 ~/Desktop/remoterepo (feature)
$ git add .

Antu J@AJ MINGW64 ~/Desktop/remoterepo (feature)
$ git commit -m "security modified from feature"
[feature 42793bd] security modified from feature
1 file changed, 2 insertions(+)

Antu J@AJ MINGW64 ~/Desktop/remoterepo (feature)
$ git checkout main
Switched to branch 'main'
Your branch is behind 'origin/main' by 2 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)
$ git merge feature
Updating 4cba255..42793bd
Fast-forward
 security.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 security.txt

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)
$ git merge auth
Already up to date.

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)
$ git branch -d auth
Deleted branch auth (was 3b6c3c9).

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)
$ git branch
  feature
* main

Antu J@AJ MINGW64 ~/Desktop/remoterepo (main)
$ git checkout feature
Switched to branch 'feature'

Antu J@AJ MINGW64 ~/Desktop/remoterepo (feature)
$ |

```

```
Antu J0AJ MINGW64 ~/Desktop/remoterepo (main)
$ git remote https://github.com/antujilson/remoterepo.git
error: Unknown subcommand: https://github.com/antujilson/remoterepo.git
usage: git remote [-v | --verbose]
or: git remote add [-t <branch>] [-m <master>] [-f] [--tags | --no-tags] [--mirror=<fetch|push>] <name> <url>
or: git remote rename <old> <new>
or: git remote remove <name>
or: git remote set-head <name> (-a | --auto | -d | --delete | <branch>)
or: git remote [-v | --verbose] show [-n] <name>
or: git remote prune [-n | --dry-run] <name>
or: git remote [-v | --verbose] update [-p | --prune] [(<group> | <remote>)...]
or: git remote set-branches [--add] <name> <branch>...
or: git remote get-url [--push] [--all] <name>
or: git remote set-url [--push] <name> <newurl> [<oldurl>]
or: git remote set-url --add <name> <newurl>
or: git remote set-url --delete <name> <url>

-v, --verbose          be verbose; must be placed before a subcommand
```

```
Antu J0AJ MINGW64 ~/Desktop/remoterepo (main)
$ git remote add origin https://github.com/antujilson/remoterepo.git
error: remote origin already exists.
```

```
Antu J0AJ MINGW64 ~/Desktop/remoterepo (main)
$ git push origin main
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), 398 bytes | 398.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/antujilson/remoterepo.git
5691ae7..4cba255  main -> main
```

Merging Files

The screenshot displays a GitHub Pull Request (PR) titled "security added #1". The PR is in a "Merged" state, with a message indicating that "antujilson merged 1 commit into main from auth now". The interface includes a navigation bar with tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the PR title, there are tabs for Conversation, Commits, Checks, and Files changed. The main content area shows a comment from "antujilson" stating "security added", followed by a commit "security added" with a hash of 42738cb. Below the commit, a message states "Pull request successfully merged and closed", with a note that the "auth" branch can be safely deleted. On the right side, there are sections for Reviewers (No reviews), Assignees (No one—assign yourself), Labels (None yet), Projects (None yet), Milestone (No milestone), and Linked issues (Successfully merging this pull request may close these issues).

GIT COMMANDS (STASH)

```
MINGW64/c/Users/Antu J/Desktop/GitLab4

Antu J@AJ MINGW64 ~/Desktop/GitLab4
$ git config --global user.name "Antu Jilson"

Antu J@AJ MINGW64 ~/Desktop/GitLab4
$ git config --global user.email "antujilson2022@mca.ajce.in"

Antu J@AJ MINGW64 ~/Desktop/GitLab4
$ git init
Initialized empty Git repository in C:/Users/Antu J/Desktop/GitLab4/.git/

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git status
On branch master

No commits yet

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

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

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git add .

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git status
On branch master

No commits yet

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

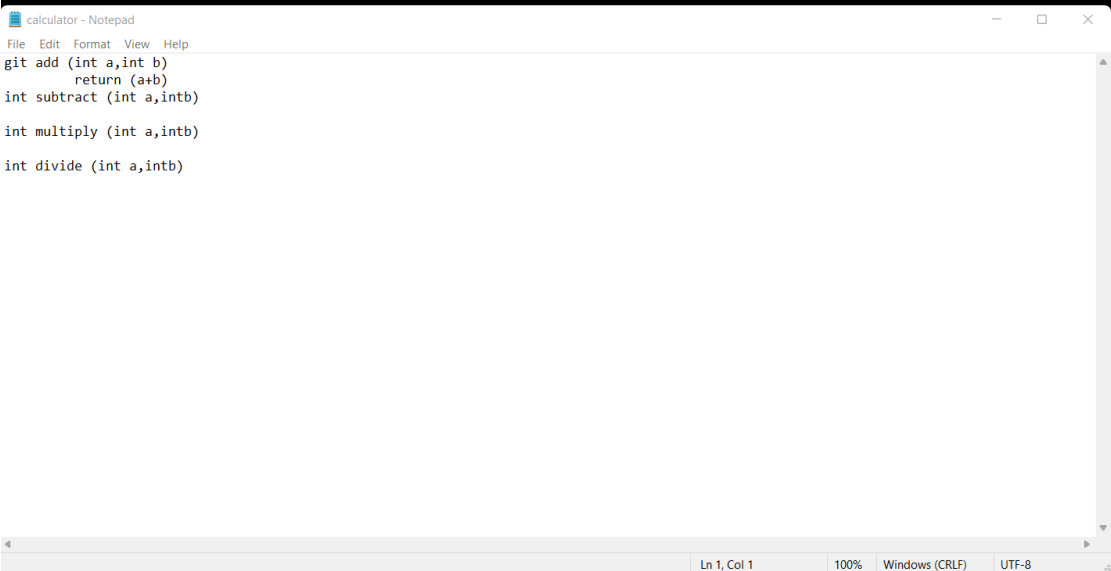
Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git commit -m "first commit calculator"
[master (root-commit) afd3f91] first commit calculator
 1 file changed, 7 insertions(+)
 create mode 100644 calculator.txt

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git log
commit afd3f91f771d9d8f31de45cc8391d26477de42dd (HEAD -> master)
Author: Antu Jilson <antujilson2022@mca.ajce.in>
Date:   Mon Jul 19 00:19:58 2021 +0530

    first commit calculator

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
```

```
MINGW64/c/Users/Antu J/Desktop/GitLab4
Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git stash
Saved working directory and index state WIP on master: afd3f91 first commit calculator
Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ |
```



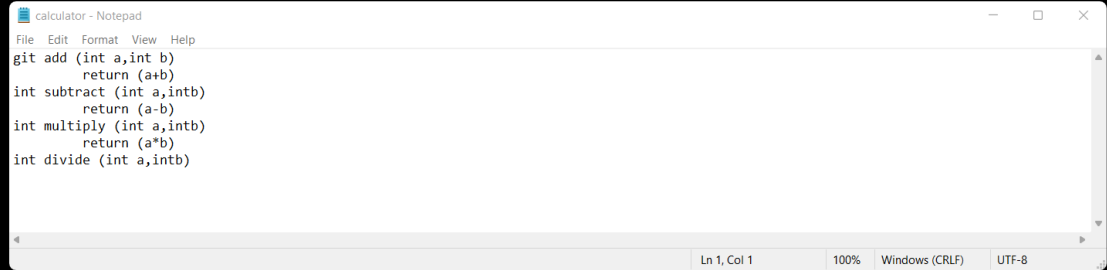
```
calculator - Notepad
File Edit Format View Help
git add (int a,int b)
return (a+b)
int subtract (int a,intb)

int multiply (int a,intb)

int divide (int a,intb)
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

```
MINGW64/c/Users/Antu J/Desktop/GitLab4
Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git stash
Saved working directory and index state WIP on master: afd3f91 first commit calculator
Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git stash pop
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:   calculator.txt
no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stash@{0} (52919339db77a57f0606c924ae9f015ef5444556)
Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ |
```



```
calculator - Notepad
File Edit Format View Help
git add (int a,int b)
return (a+b)
int subtract (int a,intb)
return (a-b)
int multiply (int a,intb)
return (a*b)
int divide (int a,intb)
```

Ln 1, Col 1 100% Windows (CRLF) UTF-8

```
MINGW64:/c/Users/Antu J/Desktop/GitLab4

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git stash
Saved working directory and index state WIP on master: afd3f91 first commit calculator

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$ git stash pop
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:   calculator.txt

no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stash@{0} (818383ca8cc9d7ecef18e2b58d428fd97b805571)

Antu J@AJ MINGW64 ~/Desktop/GitLab4 (master)
$
```

Submitted By:

Antu Jilson

MCA Regular S4

Roll No:02