

# GIT COMMANDS(21/06/2021)

## Git config

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$ git config --global user.name "LINCE SALU VARGHESE"

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$ ^C

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$ git config --global user.email "lincsaluvarghesre@mca.ajce.in"

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$
```

## Git init

```
MINGW64:/c:/Users/HP/OneDrive/Desktop/learngit

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$ git config --global user.name "LINCE SALU VARGHESE"

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$ ^C

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$ git config --global user.email "lincsaluvarghesre@mca.ajce.in"

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit
$ git init
Initialized empty Git repository in C:/Users/HP/OneDrive/Desktop/learngit/.git/

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ |
```

## Git add

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git add file1.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git status
On branch master

No commits yet

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

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (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
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (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
```

```

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (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

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:   file3.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (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

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ |

```

## Git commit

```

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git commit -m "FIRST COMMIT"
[master (root-commit) 840616d] FIRST COMMIT
 3 files changed, 3 insertions(+)
 create mode 100644 file1.txt
 create mode 100644 file2.txt
 create mode 100644 file3.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ |

```

```

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git status
On branch master
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)

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file4.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git commit -m "SECOND COMMIT"
[master 476da68] SECOND COMMIT
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file4.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ |

```

## Git log

```

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git log
commit 476da68f1d098e5ad6c1124f46f9a89a4516c502 (HEAD -> master)
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date:   Mon Jun 21 16:20:40 2021 +0530

    SECOND COMMIT

commit 840616d6fb08bb220f7d2dac6b5e6d894ecb4d89
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date:   Mon Jun 21 16:18:31 2021 +0530

    FIRST COMMIT

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ |

```

## Git checkout

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
```

```
$ git checkout 476da68f1d098e5ad6c1124f46f9a89a4516c502
```

```
Note: switching to '476da68f1d098e5ad6c1124f46f9a89a4516c502'.
```

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 476da68 SECOND COMMIT
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit ((476da68...))
```

```
$ |
```



# GIT COMMANDS(23/06/2021)

## BRANCH

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git log
commit 476da68f1d098e5ad6c1124f46f9a89a4516c502 (HEAD -> master)
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Mon Jun 21 16:20:40 2021 +0530

    SECOND COMMIT

commit 840616d6fb08bb220f7d2dac6b5e6d894ecb4d89 (feature)
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Mon Jun 21 16:18:31 2021 +0530

    FIRST COMMIT

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git log --all --decorate --oneline --graph
* 3593f2c (spec) fourth commit
* fad2127 (auth) third commit
| * 476da68 (HEAD -> master) SECOND COMMIT
|/
* 840616d (feature) FIRST COMMIT

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git merge spec
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git branch auth1

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git branch
  auth
  auth1
  feature
* master
  spec
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git add.
git: 'add.' is not a git command. See 'git --help'.
```

```
The most similar command is
  add
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git status
On branch master
All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)
```

```
Changes to be committed:
  modified:   file4.txt
```

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  file5.txt
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git add .
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git status
On branch master
All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)
```

```
Changes to be committed:
  modified:   file4.txt
  new file:   file5.txt
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git commit -m "fourth commit"
[master 8ddef3a] fourth commit
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git checkout auth1
Switched to branch 'auth1'
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (auth1)
$ git commit -m "fifth commit"
On branch auth1
nothing to commit, working tree clean
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (auth1)
$ git checkout master
Switched to branch 'master'
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git merge auth1
Already up to date.

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master)
$ git merge spec
CONFLICT (add/add): Merge conflict in file5.txt
Auto-merging file5.txt
Automatic merge failed; fix conflicts and then commit the result.

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git merge feature
error: Merging is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git branch -d auth
Deleted branch auth (was fad2127).

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git brach -D feature
git: 'brach' is not a git command. See 'git --help'.

The most similar command is
    branch

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git branch -D feature
Deleted branch feature (was 840616d).

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git branch
  auth1
* master
  spec
```



```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/learngit (master|MERGING)
$ git log
commit 8ddef3ab135a0bd8fbd8869b8fd6d38df3e7ccfb (HEAD -> master)
commit 8ddef3ab135a0bd8fbd8869b8fd6d38df3e7ccfb (HEAD -> master)
Merge: 476da68 fad2127
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Wed Jun 23 21:07:40 2021 +0530
```

fourth commit

```
commit fad2127516fae001e39c3cf18904b50d93f2e0fb
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Wed Jun 23 20:59:36 2021 +0530
```

third commit

```
commit 476da68f1d098e5ad6c1124f46f9a89a4516c502 (auth1)
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Mon Jun 21 16:20:40 2021 +0530
```

SECOND COMMIT

```
commit 840616d6fb08bb220f7d2dac6b5e6d894ecb4d89
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Mon Jun 21 16:18:31 2021 +0530
```

FIRST COMMIT

```
(END)
Merge: 476da68 fad2127
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Wed Jun 23 21:07:40 2021 +0530
```

fourth commit

```
commit fad2127516fae001e39c3cf18904b50d93f2e0fb
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Wed Jun 23 20:59:36 2021 +0530
```

third commit

```
commit 476da68f1d098e5ad6c1124f46f9a89a4516c502 (auth1)
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Mon Jun 21 16:20:40 2021 +0530
```

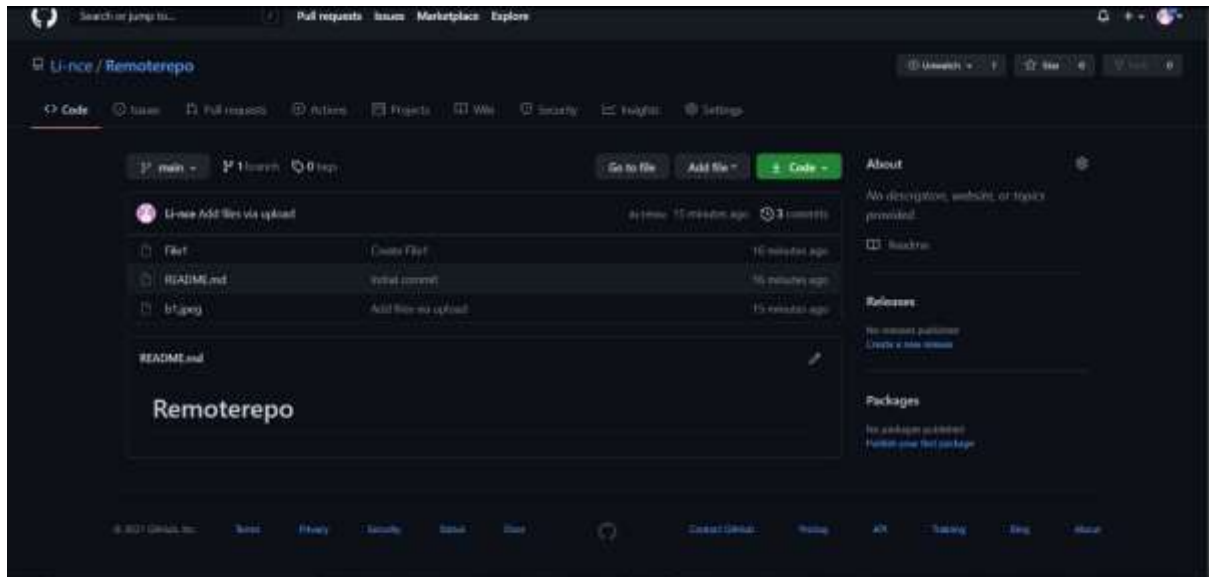
SECOND COMMIT

```
commit 840616d6fb08bb220f7d2dac6b5e6d894ecb4d89
Author: LINCE SALU VARGHESE <lincsaluvarghesre@mca.ajce.in>
Date: Mon Jun 21 16:18:31 2021 +0530
```

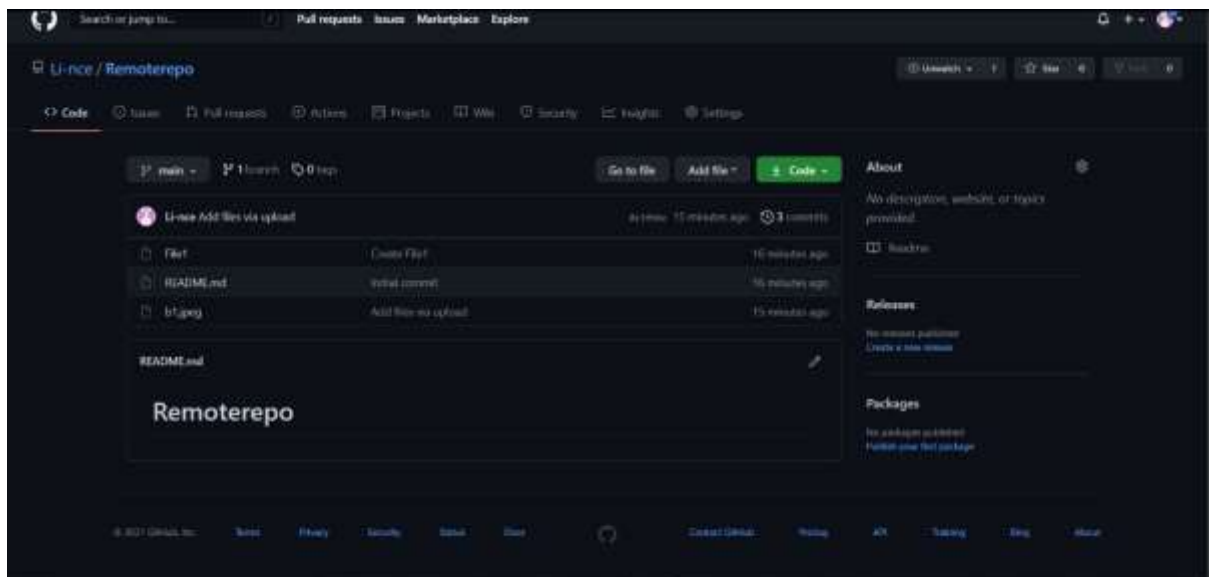
FIRST COMMIT

# GIT COMMANDS (05/07/2020)

## 1) Create a repository



## 2) Add files to remote repository



## Pushing files

```
MINGW64:/c/Users/HP/OneDrive/Desktop
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop
$ git clone https://github.com/Li-nce/Remoterepo.git
Cloning into 'Remoterepo'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 1), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (9/9), 8.96 KiB | 917.00 KiB/s, done.
Resolving deltas: 100% (1/1), done.

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop
$ |
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/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)
    attendance.txt

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

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git commit -m "Attendance added"
[main ba5c647] Attendance added
1 file changed, 2 insertions(+)
create mode 100644 attendance.txt
```

```

HP@LAPTOP-4VM5EH14 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git commit -m "Attendance added"
[main ba5c647] Attendance added
1 file changed, 2 insertions(+)
create mode 100644 attendance.txt

HP@LAPTOP-4VM5EH14 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git log
commit ba5c647088dc5142d60fa5d64227c2fc29ffc4ab (HEAD -> main)
Author: Lince Salu Varghese <lincsaluvarghesre2022@mca.ajce.in>
Date: Mon Jul 19 21:14:28 2021 +0530

    Attendance added

commit 0c1fb6ebd980fe1f2ec3d6c31899aacf5b435f90 (origin/main, origin/HEAD)
Author: Li-nce <87628888+Li-nce@users.noreply.github.com>
Date: Mon Jul 19 20:55:59 2021 +0530

    Add files via upload

commit 354093a4cf7c884e45348a0a655ae43de826e8cd
Author: Li-nce <87628888+Li-nce@users.noreply.github.com>
Date: Mon Jul 19 20:55:35 2021 +0530

    Create File1

File 1 added

commit 8fc97d198bddadfbfbb7808db4b17e51b01611cb
Author: Li-nce <87628888+Li-nce@users.noreply.github.com>
Date: Mon Jul 19 20:55:02 2021 +0530
...skipping...
commit ba5c647088dc5142d60fa5d64227c2fc29ffc4ab (HEAD -> main)
Author: Lince Salu Varghese <lincsaluvarghesre2022@mca.ajce.in>
Date: Mon Jul 19 21:14:28 2021 +0530

    Attendance added

commit 0c1fb6ebd980fe1f2ec3d6c31899aacf5b435f90 (origin/main, origin/HEAD)
Author: Li-nce <87628888+Li-nce@users.noreply.github.com>
Date: Mon Jul 19 20:55:59 2021 +0530

    Add files via upload

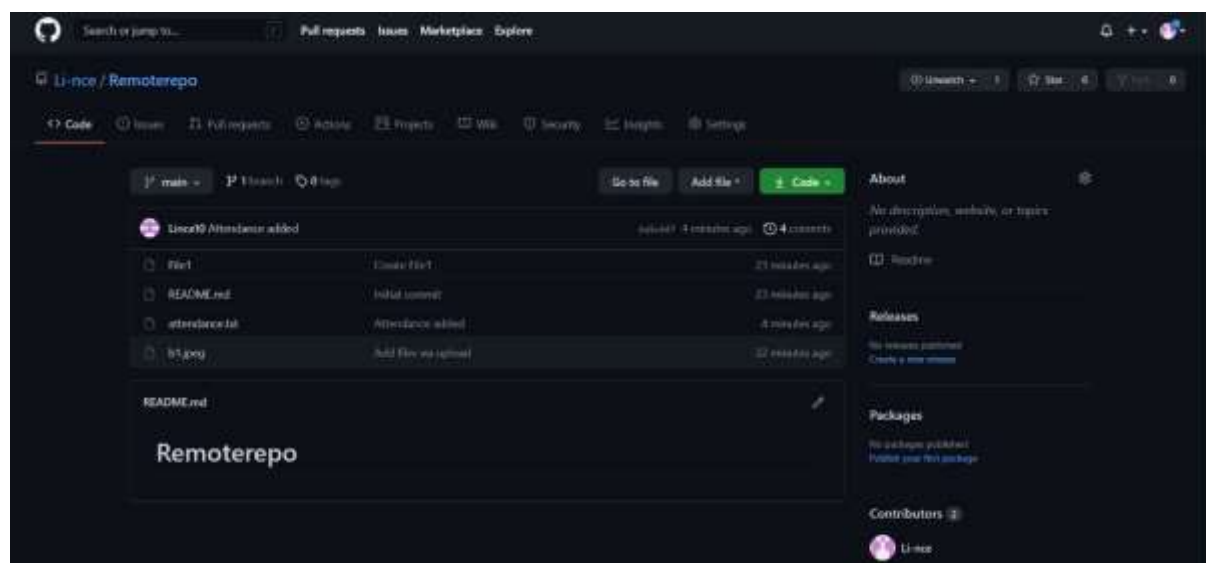
commit 354093a4cf7c884e45348a0a655ae43de826e8cd
Author: Li-nce <87628888+Li-nce@users.noreply.github.com>
Date: Mon Jul 19 20:55:35 2021 +0530

    Create File1

File 1 added

commit 8fc97d198bddadfbfbb7808db4b17e51b01611cb
Author: Li-nce <87628888+Li-nce@users.noreply.github.com>
Date: Mon Jul 19 20:55:02 2021 +0530

```





```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git remote add origin https://github.com/Li-nce/Remoterepo.git

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/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), 369 bytes | 92.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Li-nce/Remoterepo.git
   0c1fb6e..ba5c647  main -> main

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git branch auth

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git checkout auth
Switched to branch 'auth'

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git commit -m "security implemented"
[auth c784bd2] security implemented
1 file changed, 1 insertion(+)
create mode 100644 security.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git push origin auth
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), 313 bytes | 156.00 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/Li-nce/Remoterepo/pull/new/auth
remote:
To https://github.com/Li-nce/Remoterepo.git
 * [new branch]      auth -> auth
```



```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git pull origin main
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 625 bytes | 4.00 KiB/s, done.
From https://github.com/Li-nce/Remoterepo
* branch          main       -> FETCH_HEAD
   ba5c647..a978f6a main     -> origin/main
Updating c784bd2..a978f6a
Fast-forward

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git commit -m "security updated"
[auth 861bd48] security updated
1 file changed, 1 insertion(+)

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git branch feature

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (auth)
$ git checkout feature
Switched to branch 'feature'

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (feature)
$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
    add

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (feature)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (feature)
$ git commit -m "security modified from feature"
[feature ea011f1] security modified from feature
1 file changed, 2 insertions(+), 1 deletion(-)

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (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)

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git merge feature
Updating ba5c647..ea011f1
Fast-forward
 security.txt | 3 +++
1 file changed, 3 insertions(+)
create mode 100644 security.txt
```

```

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git merge feature
Updating ba5c647..ea011f1
Fast-forward
 security.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 security.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git merge auth
Already up to date.

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git branch -d auth
Deleted branch auth (was 861bd48).

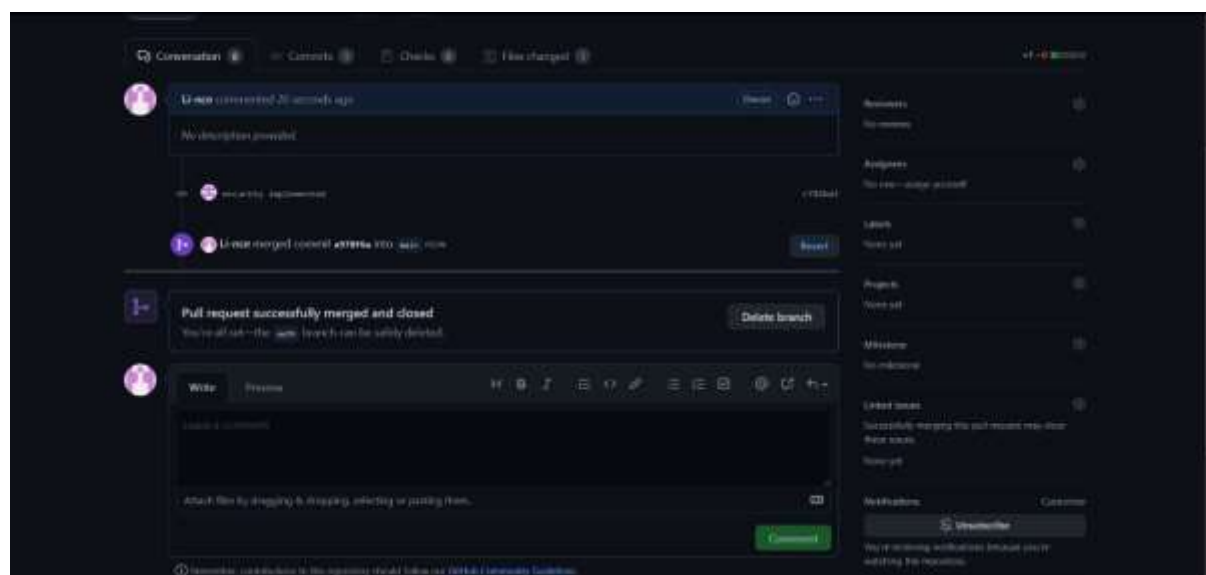
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git branch
  feature
* main

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (main)
$ git checkout feature
Switched to branch 'feature'

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Remoterepo (feature)
$ |

```

## Merging Files



## GIT COMMANDS (STASH)

```
MINGW64:/c/Users/HP/OneDrive/Desktop/Git new

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new
$ git config --global user.name "Lince Salu Varghese"

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new
$ git config --global user.email "lincosaluvarghesre2022@mca.ajce.in"

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new
$ git init
Initialized empty Git repository in C:/Users/HP/OneDrive/Desktop/Git new/.git/

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (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)

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$ git add .

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$ git status
On branch master

No commits yet

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

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$ git commit -m "first commit calculator"
[master (root-commit) e6cbf8a] first commit calculator
1 file changed, 8 insertions(+)
create mode 100644 Calculator.txt

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$ git log
commit e6cbf8ac4a612b932f17bc2464531fd386958a00 (HEAD -> master)
Author: Lince Salu Varghese <lincosaluvarghesre2022@mca.ajce.in>
Date:   Mon Jul 19 11:20:18 2021 +0530

    first commit calculator

HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$ |
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$ git stash
Saved working directory and index state WIP on master: e6cbf8a first commit calculator
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$
```

Calculator - Notepad

File Edit Format View Help

```
int add (int a, int b)
```

```
int subtract (int a, int b)
```

```
int multiply(int a, int b)
```

```
int divide(int a, int b)
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$ git stash
Saved working directory and index state WIP on master: e6cbf8a first commit calculator
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (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} (0acb9db3d16218307d404a803ce92be4457a2119)
```

```
HP@LAPTOP-4VM5EHI4 MINGW64 ~/OneDrive/Desktop/Git new (master)
$
```

Calculator - Notepad

File Edit Format View Help

```
int add (int a, int b)
    return (a+b)
```

```
int subtract (int a, int b)
```

```
int multiply(int a, int b)
```

```
int divide(int a, int b)
```

**Submitted by,**

**Lince Salu Varghese**

**Roll no : 11**

**MCA Regular S4**