

GIT COMMANDS

Submitted by,

JUSTIN JOHN

ROLL NO 09

S4 REG MCA

21/06/2021

```
MINGW64:/c/Users/Lenovo/Desktop/justin

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git config --global user.name "justin"

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git config --global user.mail "justin@gmail.com"

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git init
Initialized empty Git repository in C:/Users/Lenovo/Desktop/justin/.git/

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (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)

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
        add

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git add file1.txt

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git status
On branch master

No commits yet

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

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git add file2.txt
```

```

MINGW64:/c/Users/Lenovo/Desktop/justin
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   file1.txt
    new file:   file2.txt

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git commit -m "First commit"
[master (root-commit) 949b6ec] First commit
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.txt
 create mode 100644 file2.txt

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git log
commit 949b6ecb93a286cf280158a25c9d804f4a4d29dc (HEAD -> master)

```

```

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git checkout^C

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git checkout^C

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git checkout 949b6ecb93a286cf280158a25c9d804f4a4d29dc
Note: switching to '949b6ecb93a286cf280158a25c9d804f4a4d29dc'.

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 949b6ec First commit

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((949b6ec...))
$

```

GIT COMMANDS-23/06/2021

```
MINGW64:/c/Users/Lenovo/Desktop/justin
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((bc0d554...))
$ git log
commit bc0d5542df01006683624be3dbb21267160c020c (HEAD)
Author: justin <justinjohn2002@mca.ajce.in>
Date:   Wed Jun 23 19:54:02 2021 +0530

    first commit

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((bc0d554...))
$ git log --all
commit 8d16ce7153bd2558c535334afe9a9c0f3ddc1633 (master)
Author: justin <justinjohn2002@mca.ajce.in>
Date:   Wed Jun 23 19:56:24 2021 +0530

    second commit

commit bc0d5542df01006683624be3dbb21267160c020c (HEAD)
Author: justin <justinjohn2002@mca.ajce.in>
Date:   Wed Jun 23 19:54:02 2021 +0530

    first commit

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((bc0d554...))
$ git checkout 8d16ce7153bd2558c535334afe9a9c0f3ddc1633
Previous HEAD position was bc0d554 first commit
HEAD is now at 8d16ce7 second commit

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
$ git log
commit 8d16ce7153bd2558c535334afe9a9c0f3ddc1633 (HEAD, master)
Author: justin <justinjohn2002@mca.ajce.in>
Date:   Wed Jun 23 19:56:24 2021 +0530

    second commit

commit bc0d5542df01006683624be3dbb21267160c020c
Author: justin <justinjohn2002@mca.ajce.in>
Date:   Wed Jun 23 19:54:02 2021 +0530

    first commit

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
$ git log --all --decorate --oneline --graph
* 8d16ce7 (HEAD, master) second commit
* bc0d554 first commit

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
$ git branch feature

Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
```

MINGW64:/c/Users/Lenovo/Desktop/justin

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
$ git branch
* (HEAD detached at 8d16ce7)
  feature
  master
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
$ git branch auth
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
$ git branch
* (HEAD detached at 8d16ce7)
  auth
  feature
  master
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin ((8d16ce7...))
$ git checkout feature
Switched to branch 'feature'
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
$ git log --all --decorate --oneline --graph
* 8d16ce7 (HEAD -> feature, master, auth) second commit
* bc0d554 first commit
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
$ git status
On branch feature
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"

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
$ git add .
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
$ git commit -m "auth as commit"
[feature a8cd4fb] auth as commit
1 file changed, 1 insertion(+)
create mode 100644 file4.txt
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
$ git status
On branch feature
nothing to commit, working tree clean
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
```


MINGW64:/c/Users/Lenovo/Desktop/justin

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
$ git log
commit a8cd4fb2a74d5edb63d8655d872308f0fd2bcd0 (HEAD -> feature)
Author: justin <justinjohn2002@mca.ajce.in>
Date: Wed Jun 23 20:02:25 2021 +0530
```

auth as commit

```
commit 8d16ce7153bd2558c535334afe9a9c0f3ddc1633 (master, auth)
Author: justin <justinjohn2002@mca.ajce.in>
Date: Wed Jun 23 19:56:24 2021 +0530
```

second commit

```
commit bc0d5542df01006683624be3dbb21267160c020c
Author: justin <justinjohn2002@mca.ajce.in>
Date: Wed Jun 23 19:54:02 2021 +0530
```

first commit

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (feature)
$ git checkout master
Switched to branch 'master'
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git merge auth
Already up to date.
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git log --all --decorate --oneline --graph
* a8cd4fb (feature) auth as commit
* 8d16ce7 (HEAD -> master, auth) second commit
* bc0d554 first commit
```

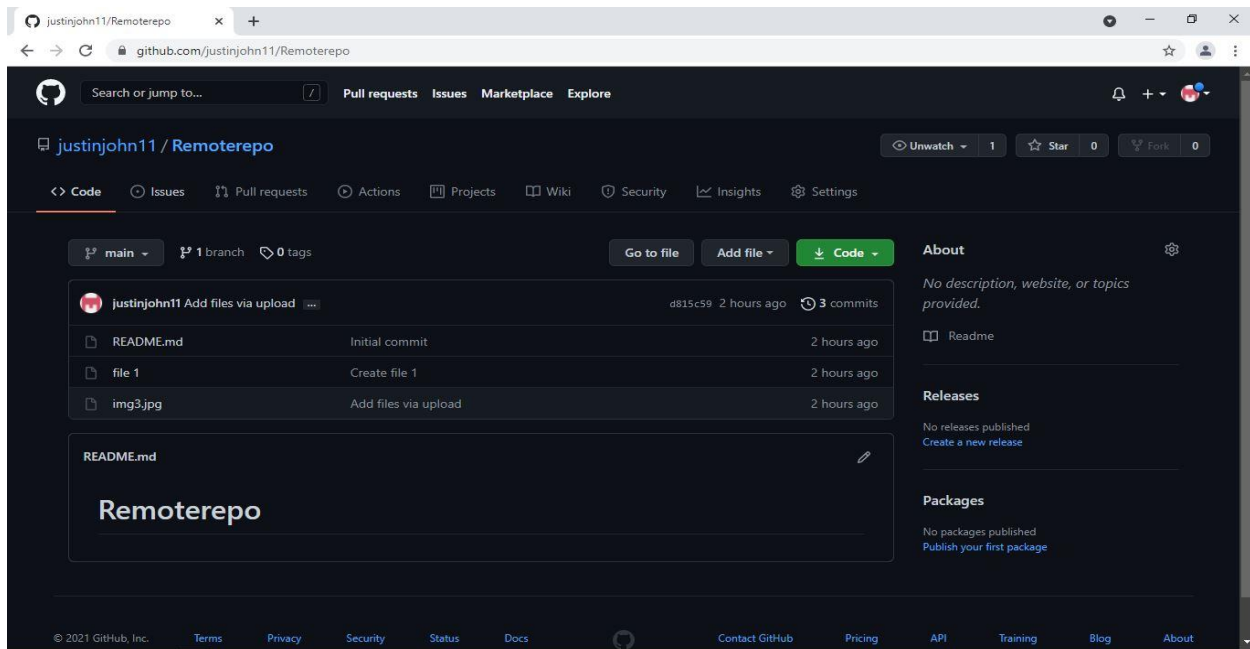
```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git branch -d auth
Deleted branch auth (was 8d16ce7).
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git log --all --decorate --oneline --graph
* a8cd4fb (feature) auth as commit
* 8d16ce7 (HEAD -> master) second commit
* bc0d554 first commit
```

```
Lenovo@DESKTOP-SDITMHU MINGW64 ~/Desktop/justin (master)
$ git branch -d feature
error: The branch 'feature' is not fully merged.
If you are sure you want to delete it, run 'git branch -D feature'.
```

GIT COMMANDS 05/07/2021(PUSH, ADD , COMMIT, CHECKOUT)

- 1) Create a repository
- 2) Add files to remote repository



```
MINGW64:/c/Users/Justin John/Desktop/RemoteRepos

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (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.txt

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

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git add .

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git commit -m "attendance added"
[main 102092e] attendance added
1 file changed, 1 insertion(+)
create mode 100644 attendance.txt.txt

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git log
commit 102092eacab9fd2c3bc8ec346c7d11ab6e38e130 (HEAD -> main)
Author: Justin John <justinjohn2022@mca.ajce.in>
Date: Mon Jul 19 13:15:50 2021 +0530

    attendance added

commit 1606ef2c3940ec8f6b7087844a824c884e2e8928 (origin/main, origin/HEAD)
Author: justinjohn11 <77452919+justinjohn11@users.noreply.github.com>
```



```
MINGW64:/c:/Users/Justin John/Desktop/RemoteRepos
Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git remote add original https://github.com/justinjohn11/RemoteRepos.git

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git push original 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), 361 bytes | 361.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/justinjohn11/RemoteRepos.git
    1606ef2..102092e  main -> main

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ |
```

justinjohn11/RemoteRepos

github.com/justinjohn11/RemoteRepos

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justinjohn11 / RemoteRepos

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main1 branch0 tags

Go to fileAdd fileCode

justinjohn11 attendance added102092e 6 minutes ago4 commits

README.mdInitial commit12 minutes ago

attendance.txt.txtattendance added6 minutes ago

file 1Create file 112 minutes ago

img3.jpgAdd files via upload10 minutes ago

README.md

RemoteRepos

About

No description, website, or topics provided.

Readme

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

justinjohn11/RemoteRepos

github.com/justinjohn11/RemoteRepos

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auth had recent pushes less than a minute ago Compare & pull request

main 2 branches 0 tags Go to file Add file Code

justinjohn11 attendance added 102092e 12 minutes ago 4 commits

README.md	Initial commit	18 minutes ago
attendance.txt.txt	attendance added	12 minutes ago
file 1	Create file 1	18 minutes ago
img3.jpg	Add files via upload	16 minutes ago

README.md

RemoteRepos

About

No description, website, or topics provided.

Readme

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Security file added by justinjohn11

github.com/justinjohn11/RemoteRepos/pull/1

Merged justinjohn11 merged 1 commit into main from auth now

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

justinjohn11 commented 16 seconds ago Owner

No description provided.

Security file added 1a2949e

justinjohn11 merged commit 6610024 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.

Comment

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

```
MINGW64:/c/Users/Justin John/Desktop/RemoteRepos
Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git remote add original https://github.com/justinjohn11/RemoteRepos.git

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git push original 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), 361 bytes | 361.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/justinjohn11/RemoteRepos.git
    1606ef2..102092e  main -> main

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git branch auth

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git checkout auth
Switched to branch 'auth'

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git add security
fatal: pathspec 'security' did not match any files

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git add security.txt

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git commit -m "Security file added"
[auth 1a2949e] Security file added
    1 file changed, 1 insertion(+)
    create mode 100644 security.txt

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git push original 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), 291 bytes | 291.00 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/justinjohn11/RemoteRepos/pull/new/auth
remote:
To https://github.com/justinjohn11/RemoteRepos.git
    * [new branch]      auth -> auth

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
```

```
MINGW64:/c:/Users/Justin John/Desktop/RemoteRepos

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git pull original 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 | 21.00 KiB/s, done.
From https://github.com/justinjohn11/RemoteRepos
* branch          main      -> FETCH_HEAD
   102092e..6610024 main     -> original/main
Updating 1a2949e..6610024
Fast-forward

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git add .

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git commit -m "security updated"
[auth 46736bd] security updated
1 file changed, 2 insertions(+)

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git branch feature

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git checkout feature
Switched to branch 'feature'

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (feature)
$ git add .

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (feature)
$ git commit -m "security modified from feature"
[feature e97f38f] security modified from feature
1 file changed, 2 insertions(+), 1 deletion(-)

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (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)

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git merge feature
Updating 102092e..e97f38f
Fast-forward
 security.txt | 4 ++++
 1 file changed, 4 insertions(+)
 create mode 100644 security.txt

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git merge auth
```



```
MINGW64:/c/Users/Justin John/Desktop/RemoteRepos
$ git commit -m "security updated"
[auth 46736bd] security updated
1 file changed, 2 insertions(+)

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git branch feature

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (auth)
$ git checkout feature
Switched to branch 'feature'

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (feature)
$ git add .

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (feature)
$ git commit -m "security modified from feature"
[feature e97f38f] security modified from feature
1 file changed, 2 insertions(+), 1 deletion(-)

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (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)

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git merge feature
Updating 102092e..e97f38f
Fast-forward
 security.txt | 4 ++++
1 file changed, 4 insertions(+)
create mode 100644 security.txt

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git merge auth
Already up to date.

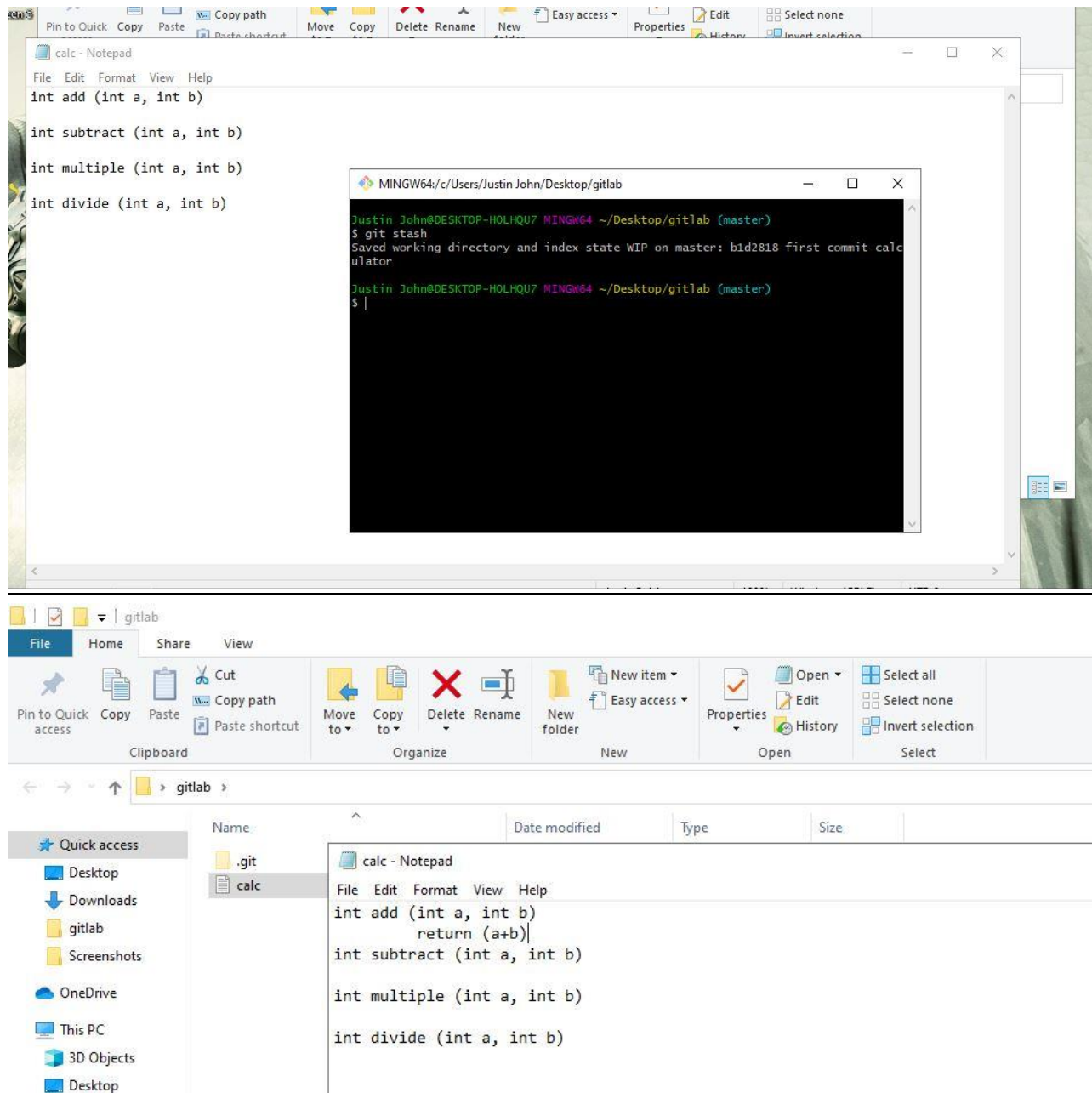
Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git branch -d auth
Deleted branch auth (was 46736bd).

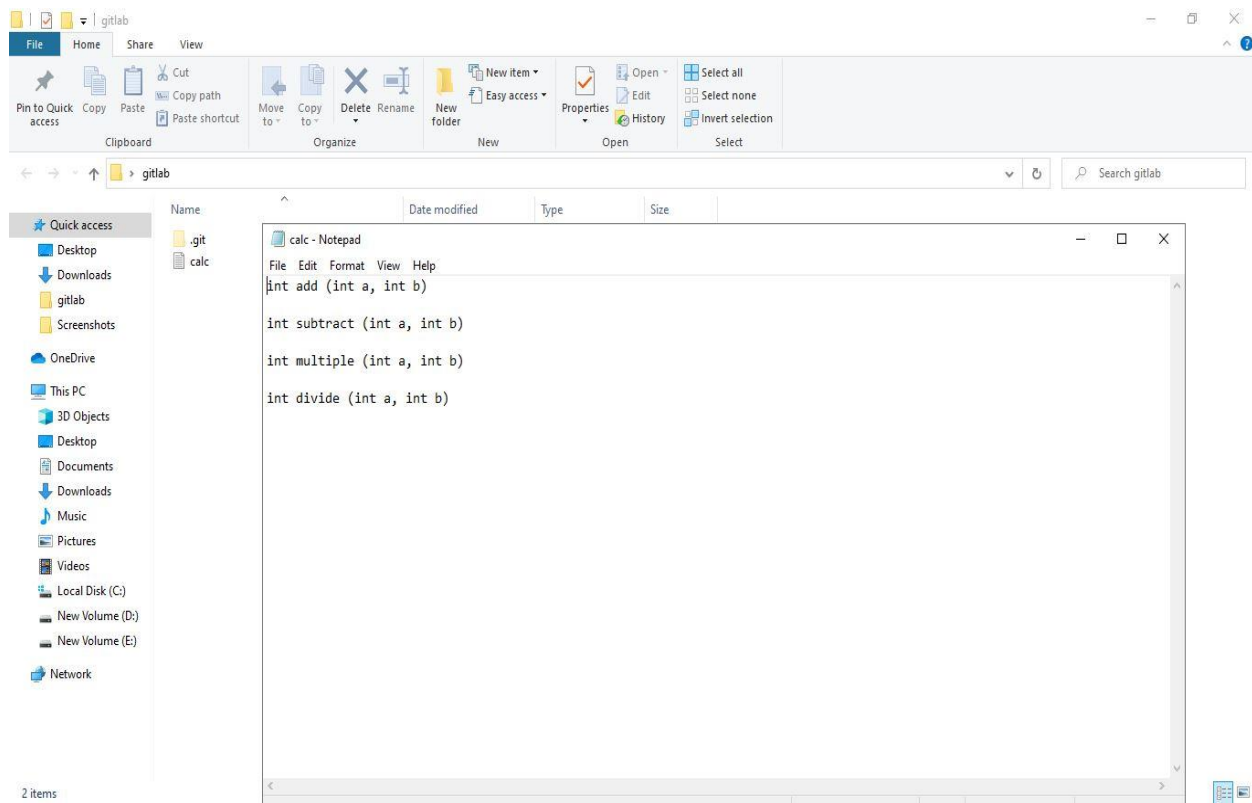
Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git branch
  feature
* main

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (main)
$ git checkout feature
Switched to branch 'feature'

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/RemoteRepos (feature)
$ |
```


GIT COMMANDS 05/07/2021(STASH)





```
Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git add .

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git status
On branch master

No commits yet

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

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git commit -m "first commit calculator"
[master (root-commit) b1d2818] first commit calculator
 1 file changed, 7 insertions(+)
 create mode 100644 calc.txt

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git log
commit b1d28182d1458c0cad808944e9ba68b4bce98684 (HEAD -> master)
Author: Justin John <justinjohn2022@mca.ajce.in>
Date:   Mon Jul 19 11:21:10 2021 +0530

    first commit calculator

Justin John@DESKTOP-HOLHQU7 MINGW64 ~/Desktop/gitlab (master)
$ s:
```

```
Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab
$ git config --global user.name "Justin John"

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab
$ git config --global user.email "justinjohn2022@mca.ajce.in"

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab
$ git init
Initialized empty Git repository in C:/Users/Justin John/Desktop/gitlab/.git/

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git status
On branch master

No commits yet

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

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

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .' ?
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git add .

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git status
On branch master

No commits yet

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

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git commit -m "first commit calculator"
[master (root-commit) b1d2818] first commit calculator
 1 file changed, 7 insertions(+)
 create mode 100644 calc.txt

Justin John@DESKTOP-H0LHQU7 MINGW64 ~/Desktop/gitlab (master)
$ git log
commit b1d28182d1458c0cad808944e9ba68b4bce98684 (HEAD -> master)
```

