

[Khutgit akshay ingole](https://github.com/Akshay1914/Khutgit_akshay_ingole.git) ← click here

https://github.com/Akshay1914/Khutgit_akshay_ingole.git

1. Create a new repository - KhutGit

```
MINGW64:/d/fsd/git_assignment

aksha@LAPTOP-667ES2UQ MINGW64 /d
$ ls
'$RECYCLE.BIN'/'      'WEDDING PHOTOS'/'
Documents/'           akshay_git_repo/'
FSD/'                 akshay_git_repo2/'
GATE/'               dc_temp/'
'Nx auto'/'          drive-download-20210802T012450Z-001/'
'System Volume Information'/' drive-download-20210802T012450Z-001.zip

aksha@LAPTOP-667ES2UQ MINGW64 /d
$ cd fsd

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd
$ ls
'SET A.docx'          git_assignment/
akshay_ingole_function_7-3-22.txt linux/
akshay_ingole_pseudocode_7-3-22.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd
$ cd git_ass*

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment
$
```

3. create 3 text files inside the main branch

- 2 files you will create using the folder directly
- 1 file you will create using the echo command on the bash terminal

```
MINGW64:/d/fsd/git_assignment

$ cd git_ass*

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment
$ git init
Initialized empty Git repository in D:/FSD/git_assignment/.git/

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git remote add origin https://github.com/Akshay1914/Khutgit_akshay_ingole.git

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git status
On branch master

No commits yet

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

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

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$
```

```
MINGW64:/d/fsd/git_assignment

1.txt
2.txt

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

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ echo "# Akshay1914" >> 3.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git status
On branch master

No commits yet

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

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

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$
```

```
MINGW64:/d/fsd/git_assignment

3.txt

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

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git add .
warning: LF will be replaced by CRLF in 3.txt.
The file will have its original line endings in your working directory

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   1.txt
    new file:   2.txt
    new file:   3.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$
```

```
MINGW64:/d/fsd/git_assignment
(use "git rm --cached <file>..." to unstage)
new file:   1.txt
new file:   2.txt
new file:   3.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git commit -m "adding 3 files"
[master (root-commit) fd4e462] adding 3 files
3 files changed, 1 insertion(+)
create mode 100644 1.txt
create mode 100644 2.txt
create mode 100644 3.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git push -u origin master
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% (4/4), 263 bytes | 263.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Akshay1914/Khutgit_akshay_ingole.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$
```

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github.com/Akshay1914/Khutgit_akshay_ingole

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master 1 branch 0 tags

Go to file Add file Code

Akshay1914 adding 3 files fd4e462 2 minutes ago 1 commit

1.txt	adding 3 files	2 minutes ago
2.txt	adding 3 files	2 minutes ago
3.txt	adding 3 files	2 minutes ago

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assignment data

0 stars

1 watching

0 forks

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2. create two branches - main and sub_main

```
MINGW64:/d/fsd/git_assignment
create mode 100644 3.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git push -u origin master
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% (4/4), 263 bytes | 263.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Akshay1914/Khutgit_akshay_ingole.git
* [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git branch -m sub_main

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git branch
* sub_main

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git checkout sub_main
Already on 'sub_main'
Your branch is up to date with 'origin/master'.

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$
```

```
MINGW64:/d/fsd/git_assignment
* sub_main

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git checkout sub_main
Already on 'sub_main'
Your branch is up to date with 'origin/master'.

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git status
On branch sub_main
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git push -u origin sub_main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'sub_main' on GitHub by visiting:
remote:   https://github.com/Akshay1914/Khutgit_akshay_ingole/pull/new/sub_main
remote:
To https://github.com/Akshay1914/Khutgit_akshay_ingole.git
* [new branch]      sub_main -> sub_main
branch 'sub_main' set up to track 'origin/sub_main'.

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$
```

create 4 text files inside the sub_main (shift the branch to sub_main from main)

- 2 files using the folder inside
- 2 files using the merge command

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github.com/Akshay1914/Khutgit_akshay_ingole

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master 2 branches 0 tags

Go to file Add file Code

Switch branches/tags

Find or create a branch...

Branches Tags

master default

sub_main

View all branches

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fd4e462 12 minutes ago 1 commit

adding 3 files 12 minutes ago

adding 3 files 12 minutes ago

adding 3 files 12 minutes ago

About

assignment data

0 stars

1 watching

0 forks

Releases

No releases published

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Packages

No packages published

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This PC > New Volume (D:) > FSD > git_assignment

Name	Date modified	Type	Size
.git	3/16/2022 7:09 PM	File folder	
3.txt	3/16/2022 7:05 PM	Text Document	0 KB
4.txt	3/16/2022 7:06 PM	Text Document	0 KB

```
MINGW64~/d/fsd/git_assignment
aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git status
On branch sub_main
Your branch is up to date with 'origin/sub_main'.

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

nothing added to commit but untracked files present (use "git add" to track)
aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$
```

```
MINGW64:/d/fsd/git_assignment

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git status
On branch sub_main
Your branch is up to date with 'origin/sub_main'.

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

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

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git add .

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git commit -m "adding 2 files to sub main"
[sub_main ef76f21] adding 2 files to sub main
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 3.txt
create mode 100644 4.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git push -u origin sub_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), 254 bytes | 127.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Akshay1914/Khutgit_akshay_ingole.git
```

Mail - Ingole, Prism - AI driv, Akshay1914/, Introduction, JavaScript Ba, BT6Rqv_BSQ, VS Code Live, 127.0.0.1

github.com/Akshay1914/Khutgit_akshay_ingole/tree/sub_main

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sub_main had recent pushes 1 minute agoCompare & pull request

sub_main2 branches0 tagsGo to fileAdd fileCode

This branch is 2 commits ahead of master.Contribute

Akshay1914 adding 2 files to sub mainef76f21 2 minutes ago3 commits

3.txt	adding 2 files to sub main	2 minutes ago
4.txt	adding 2 files to sub main	2 minutes ago

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About

assignment data

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No packages publishedPublish your first package

```
MINGW64:/d/fsd/git_assignment
aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git branch
* master
  sub_main

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git checkout sub_main
Switched to branch 'sub_main'
Your branch is up to date with 'origin/sub_main'.

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git status
On branch sub_main
Your branch is up to date with 'origin/sub_main'.

nothing to commit, working tree clean

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git merge master
Updating ef76f21..ec12b35
Fast-forward
 1.txt | 0
 2.txt | 0
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 1.txt
 create mode 100644 2.txt

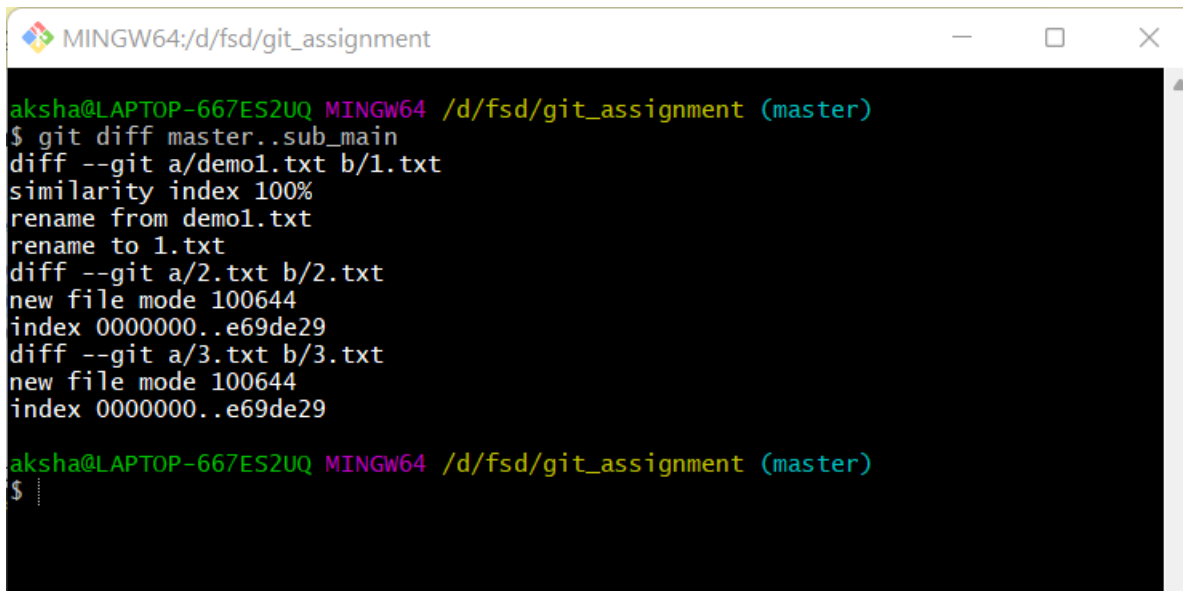
aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git push origin submain
error: src refspec submain does not match any
error: failed to push some refs to 'https://github.com/Akshay1914/Khutgit_akshay_ingole.git'

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$ git push origin sub_main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Akshay1914/Khutgit_akshay_ingole.git
 ef76f21..ec12b35  sub_main -> sub_main

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (sub_main)
$
```

The screenshot shows a GitHub repository page for 'Akshay1914 / Khutgit_akshay_ingole'. The repository is public and has 0 stars, 0 forks, and 1 watch. The main branch is 'sub_main', which is up to date with master. There are 2 branches and 0 tags. The commit history shows four commits by 'Akshay1914' adding deleted files (1.txt, 2.txt, 3.txt, 4.txt) to the 'sub_main' branch. The repository description is 'Help people interested in this repository understand your project by adding a README.' and there is a button to 'Add a README'.

4. you need to check the diff from the main and sub_main both



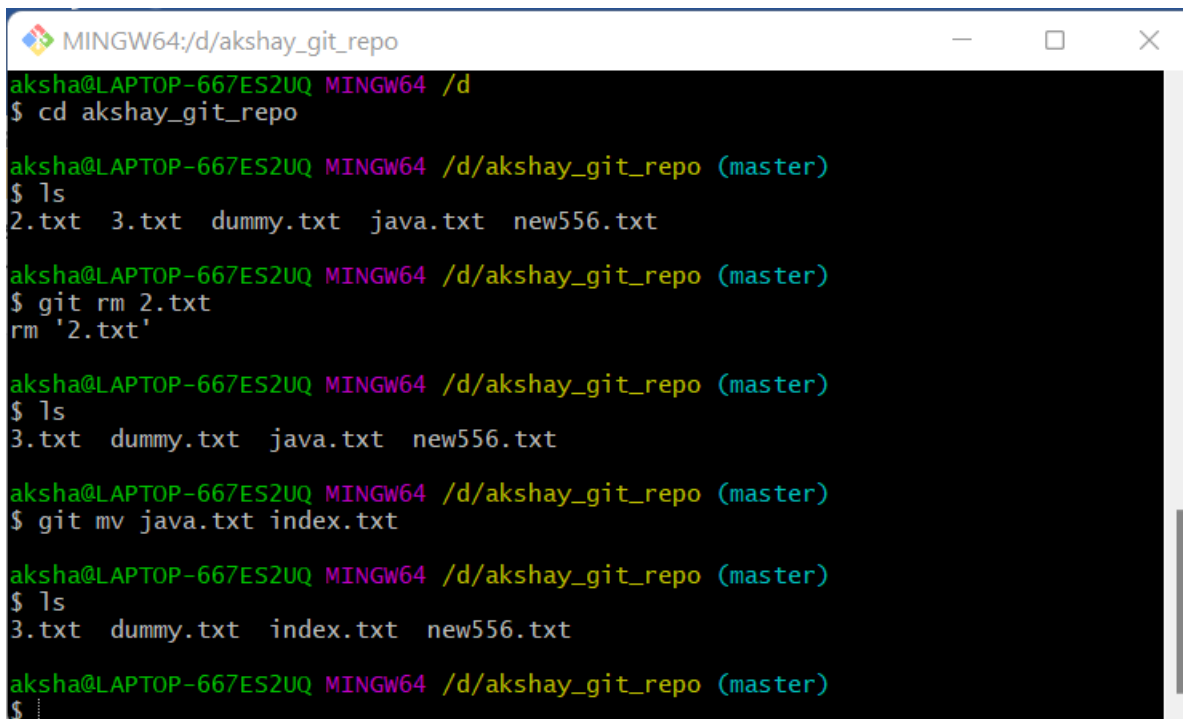
```
MINGW64:/d/fsd/git_assignment
aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$ git diff master..sub_main
diff --git a/demo1.txt b/1.txt
similarity index 100%
rename from demo1.txt
rename to 1.txt
diff --git a/2.txt b/2.txt
new file mode 100644
index 0000000..e69de29
diff --git a/3.txt b/3.txt
new file mode 100644
index 0000000..e69de29

aksha@LAPTOP-667ES2UQ MINGW64 /d/fsd/git_assignment (master)
$
```

5. rename one file in main brnach to Demo1.txt and remove 2 files from the sub_main branch

I did not took the screenshot of this question at that time but I followed all the steps I will add another photo of delete command

But you can see in the above image I have renamed the file in master branch and then performed the difference command



```
MINGW64:/d/akshay_git_repo
aksha@LAPTOP-667ES2UQ MINGW64 /d
$ cd akshay_git_repo

aksha@LAPTOP-667ES2UQ MINGW64 /d/akshay_git_repo (master)
$ ls
2.txt  3.txt  dummy.txt  java.txt  new556.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/akshay_git_repo (master)
$ git rm 2.txt
rm '2.txt'

aksha@LAPTOP-667ES2UQ MINGW64 /d/akshay_git_repo (master)
$ ls
3.txt  dummy.txt  java.txt  new556.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/akshay_git_repo (master)
$ git mv java.txt index.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/akshay_git_repo (master)
$ ls
3.txt  dummy.txt  index.txt  new556.txt

aksha@LAPTOP-667ES2UQ MINGW64 /d/akshay_git_repo (master)
$
```