```
disha@Bubble MINGW64 ~ (main)
$ git init newrepos
Initialized empty Git repository in C:/Users/disha/newrepos/.git/

disha@Bubble MINGW64 ~ (main)
$ cd newrepos

disha@Bubble MINGW64 ~/newrepos (main)
$ vi file1

disha@Bubble MINGW64 ~/newrepos (main)
$ cat file1
cat: file1: No such file or directory

disha@Bubble MINGW64 ~/newrepos (main)
$ echo "this is a git repository" > file1

disha@Bubble MINGW64 ~/newrepos (main)
$ cat file1
this is a git repository

disha@Bubble MINGW64 ~/newrepos (main)
$ git add file1
warning: in the working copy of 'file1', LF will be replaced by CRLF the next time Git touches it

disha@Bubble MINGW64 ~/newrepos (main)
$ git commit -m "creating new file"
[main (root-commit) 2b3e057] creating new file
 1 file changed, 1 insertion(+)
 create mode 100644 file1
```

73°F
Haze

Q Search

ENG
IN

22:29
18-02-2025

```
MINGW64:/c/Users/disha/newrepos

disha@Bubble MINGW64 ~/newrepos (main)
$ git config --global user.name "disha bundela"

disha@Bubble MINGW64 ~/newrepos (main)
$ git config --global user.email "dishabundela05@gmail.com"

disha@Bubble MINGW64 ~/newrepos (main)
$ git branch feature1

disha@Bubble MINGW64 ~/newrepos (main)
$ git checkout feature1
Switched to branch 'feature1'

disha@Bubble MINGW64 ~/newrepos (feature1)
$ nano  file2

disha@Bubble MINGW64 ~/newrepos (feature1)
$ cat file2
updation done in file2

disha@Bubble MINGW64 ~/newrepos (feature1)
$ git add file2
warning: in the working copy of 'file2', LF will be replaced by CRLF the next time Git touches it

disha@Bubble MINGW64 ~/newrepos (feature1)
$ git commit -m "updation done in branch1"
[feature1 15920ad] updation done in branch1
 1 file changed, 1 insertion(+)
 create mode 100644 file2

disha@Bubble MINGW64 ~/newrepos (feature1)
```

```
disha@Bubble MINGW64 ~/newrepos (feature1)
$ git checkout main
Switched to branch 'main'

disha@Bubble MINGW64 ~/newrepos (main)
$ git merge feature1
Updating 2b3e057..15920ad
Fast-forward
 file2 | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 file2

disha@Bubble MINGW64 ~/newrepos (main)
$ git branch feature2

disha@Bubble MINGW64 ~/newrepos (main)
$ git checkout feature2
Switched to branch 'feature2'

disha@Bubble MINGW64 ~/newrepos (feature2)
$ nano file3

disha@Bubble MINGW64 ~/newrepos (feature2)
$ cat file3
this is a new file in new branch

disha@Bubble MINGW64 ~/newrepos (feature2)
$ git add file3
warning: in the working copy of 'file3', LF will be replaced by CRLF the next time Git touches it

disha@Bubble MINGW64 ~/newrepos (feature2)
$ git commit -m "updated file3"
```

```
MINGW64:/c/Users/disha/newrepos                                                          —  □  ×

disha@Bubble MINGW64 ~/newrepos (feature2)
$ git commit -m "updated file3"
[feature2 2016b47] updated file3
 1 file changed, 1 insertion(+)
 create mode 100644 file3

disha@Bubble MINGW64 ~/newrepos (feature2)
$ git checkout main
Switched to branch 'main'

disha@Bubble MINGW64 ~/newrepos (main)
$ git merge file3
merge: file3 - not something we can merge

disha@Bubble MINGW64 ~/newrepos (main)
$ git merge feature2
Updating 15920ad..2016b47
Fast-forward
 file3 | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 file3

disha@Bubble MINGW64 ~/newrepos (main)
$ git add .

disha@Bubble MINGW64 ~/newrepos (main)
$ git commit -m "staged all changes"
On branch main
nothing to commit, working tree clean

disha@Bubble MINGW64 ~/newrepos (main)
$ git status
```

```
disha@Bubble MINGW64 ~/newrepos (main)
$ git status
On branch main
nothing to commit, working tree clean

disha@Bubble MINGW64 ~/newrepos (main)
$ git remote add origin https://github.com/disha0509/NucleusTeq-Assignment

disha@Bubble MINGW64 ~/newrepos (main)
$ git pull origin main
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 875 bytes | 87.00 KiB/s, done.
From https://github.com/disha0509/NucleusTeq-Assignment
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> origin/main
fatal: refusing to merge unrelated histories

disha@Bubble MINGW64 ~/newrepos (main)
$ git pull --rebase origin main
From https://github.com/disha0509/NucleusTeq-Assignment
 * branch            main       -> FETCH_HEAD
Successfully rebased and updated refs/heads/main.

disha@Bubble MINGW64 ~/newrepos (main)
$ git push origin main
info: please complete authentication in your browser...
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
```

```
MINGW64:/c/Users/disha/newrepos                                              —   □   ×

disha@Bubble MINGW64 ~/newrepos (main)
$ ls
README.md  file1  file2  file3

disha@Bubble MINGW64 ~/newrepos (main)
$ git log -4
commit 5d9d724074ab0e498612d8027eba1c3c8a2a6ecc (HEAD -> main, origin/main)
Author: disha bundela <dishabundela05@gmail.com>
Date:   Tue Feb 18 22:15:48 2025 +0530

    updated file3

commit 6052c318ac0923a163f2438fc11c45908068bb5e
Author: disha bundela <dishabundela05@gmail.com>
Date:   Tue Feb 18 22:06:15 2025 +0530

    updation done in branch1

commit 8bd88acf4fe9ebd3f35ae5c369123f4716b9e8b2
Author: dishabundela05@gmail.com <dishabundela05@gmail.com>
Date:   Tue Feb 18 22:00:05 2025 +0530

    creating new file

commit b526e0fdd1ba11aaa456c345dc9f0cf3254af922
Author: disha0509 <101549010+disha0509@users.noreply.github.com>
Date:   Tue Feb 18 14:54:41 2025 +0530

    Initial commit

disha@Bubble MINGW64 ~/newrepos (main)
```

```
[main 5683bba] Revert "updated file3"
 1 file changed, 1 deletion(-)
 delete mode 100644 file3

disha@Bubble MINGW64 ~/newrepos (main)
$
```