akash@AKASH MINGW64 ~ (feature-add-user-authentication)

$ mkdir GitExp

akash@AKASH MINGW64 ~ (feature-add-user-authentication)

$ cd mkdir

bash: cd: mkdir: No such file or directory

akash@AKASH MINGW64 ~ (feature-add-user-authentication)

$ cd GitExp

akash@AKASH MINGW64 ~/GitExp (feature-add-user-authentication)

$ git init

Initialized empty Git repository in C:/Users/akash/GitExp/.git/

akash@AKASH MINGW64 ~/GitExp (master)

$ touch hello.txt

akash@AKASH MINGW64 ~/GitExp (master)

$ ls

hello.txt

akash@AKASH MINGW64 ~/GitExp (master)

$ git add hello.txt

akash@AKASH MINGW64 ~/GitExp (master)

$ git commit -m "First file"

[master (root-commit) 3255aaa] First file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 hello.txt

akash@AKASH MINGW64 ~/GitExp (master)

$ git status

On branch master

nothing to commit, working tree clean

akash@AKASH MINGW64 ~/GitExp (master)

$ git log

commit 3255aaa7f5d409cd45423783c185c7b78f320b89 (**HEAD** -> **master**)

Author: Akash <akashpradeepan2009@gmail.com>

Date: Mon Jun 2 00:05:07 2025 +0530

First file

akash@AKASH MINGW64 ~/GitExp (master)

$ git diff

akash@AKASH MINGW64 ~/GitExp (master)

$ git log

commit 3255aaa7f5d409cd45423783c185c7b78f320b89 (**HEAD** -> **master**)

Author: Akash <akashpradeepan2009@gmail.com>

Date: Mon Jun 2 00:05:07 2025 +0530

First file

akash@AKASH MINGW64 ~/GitExp (master)

$ git show 3255aaa7f5d409cd45423783c185c7b78f320b89

commit 3255aaa7f5d409cd45423783c185c7b78f320b89 (**HEAD** -> **master**)

Author: Akash <akashpradeepan2009@gmail.com>

Date: Mon Jun 2 00:05:07 2025 +0530

First file

**diff --git a/hello.txt b/hello.txt**

**new file mode 100644**

**index 0000000..e69de29**

akash@AKASH MINGW64 ~/GitExp (master)

$ git remote add origin https://github.com/techguru2024-afk/git-experiment.git

akash@AKASH MINGW64 ~/GitExp (master)

$ git branch -M main

akash@AKASH MINGW64 ~/GitExp (main)

$ git push -u origin main

To https://github.com/techguru2024-afk/git-experiment.git

! [rejected] main -> main (fetch first)

error: failed to push some refs to 'https://github.com/techguru2024-afk/git-experiment.git'

hint: Updates were rejected because the remote contains work that you do not

hint: have locally. This is usually caused by another repository pushing to

hint: the same ref. If you want to integrate the remote changes, use

hint: 'git pull' before pushing again.

hint: See the 'Note about fast-forwards' in 'git push --help' for details.

akash@AKASH MINGW64 ~/GitExp (main)

$ git push -u origin master

error: src refspec master does not match any

error: failed to push some refs to 'https://github.com/techguru2024-afk/git-experiment.git'

akash@AKASH MINGW64 ~/GitExp (main)

$ git push -u origin main

To https://github.com/techguru2024-afk/git-experiment.git

! [rejected] main -> main (fetch first)

error: failed to push some refs to 'https://github.com/techguru2024-afk/git-experiment.git'

hint: Updates were rejected because the remote contains work that you do not

hint: have locally. This is usually caused by another repository pushing to

hint: the same ref. If you want to integrate the remote changes, use

hint: 'git pull' before pushing again.

hint: See the 'Note about fast-forwards' in 'git push --help' for details.

akash@AKASH MINGW64 ~/GitExp (main)

$ git pull --rebase origin main

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

Unpacking objects: 100% (3/3), 3.43 KiB | 439.00 KiB/s, done.

From https://github.com/techguru2024-afk/git-experiment

\* branch main -> FETCH\_HEAD

\* [new branch] main -> origin/main

Successfully rebased and updated refs/heads/main.

akash@AKASH MINGW64 ~/GitExp (main)

$ git push -u origin main

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 12 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 278 bytes | 278.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/techguru2024-afk/git-experiment.git

b4ca219..6799fef main -> main

branch 'main' set up to track 'origin/main'.

akash@AKASH MINGW64 ~/GitExp (main)

$ ls

git.txt hello.txt

akash@AKASH MINGW64 ~/GitExp (main)

$ git pull origin main

From https://github.com/techguru2024-afk/git-experiment

\* branch main -> FETCH\_HEAD

Already up to date.

akash@AKASH MINGW64 ~/GitExp (main)

$ ls

git.txt hello.txt

akash@AKASH MINGW64 ~/GitExp (main)

$ git clone https://github.com/techguru2024-afk/git-experiment.git

Cloning into 'git-experiment'...

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (4/4), done.

remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)

Receiving objects: 100% (6/6), done.

akash@AKASH MINGW64 ~/GitExp (main)

$ git remote -v

origin https://github.com/techguru2024-afk/git-experiment.git (fetch)

origin https://github.com/techguru2024-afk/git-experiment.git (push)

akash@AKASH MINGW64 ~/GitExp (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)

git-experiment/

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

akash@AKASH MINGW64 ~/GitExp (main)

$ git log --oneline

6799fef (**HEAD** -> **main**, **origin/main**) First file

b4ca219 Add files via upload

akash@AKASH MINGW64 ~/GitExp (main)

$ git branch

\* main

akash@AKASH MINGW64 ~/GitExp (main)

$ git branch feature-login

akash@AKASH MINGW64 ~/GitExp (main)

$ git switch feature-login

Switched to branch 'feature-login'

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git switch main

Switched to branch 'main'

Your branch is up to date with 'origin/main'.

akash@AKASH MINGW64 ~/GitExp (main)

$ git merge feature-login

Already up to date.

akash@AKASH MINGW64 ~/GitExp (main)

$ git push -u origin feature-login

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

remote:

remote: Create a pull request for 'feature-login' on GitHub by visiting:

remote: https://github.com/techguru2024-afk/git-experiment/pull/new/feature-login

remote:

To https://github.com/techguru2024-afk/git-experiment.git

\* [new branch] feature-login -> feature-login

branch 'feature-login' set up to track 'origin/feature-login'.

akash@AKASH MINGW64 ~/GitExp (main)

$ git switch feature-login

Switched to branch 'feature-login'

Your branch is up to date with 'origin/feature-login'.

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git add hello.txt

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git commit -m" Second upd'

> git commit -M" Second upd

error: pathspec 'Second' did not match any file(s) known to git

error: pathspec 'upd' did not match any file(s) known to git

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git commit -m " Second upd"

On branch feature-login

Your branch is up to date with 'origin/feature-login'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

git-experiment/

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

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git switch feature-login

Already on 'feature-login'

Your branch is up to date with 'origin/feature-login'.

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git rebase main

Current branch feature-login is up to date.

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git stash -a

Ignoring path git-experiment/

Saved working directory and index state WIP on feature-login: 6799fef First file

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git checkout main

Switched to branch 'main'

Your branch is up to date with 'origin/main'.

akash@AKASH MINGW64 ~/GitExp (main)

$ git switch feature-login

Switched to branch 'feature-login'

Your branch is up to date with 'origin/feature-login'.

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git stash pop

Already up to date.

On branch feature-login

Your branch is up to date with 'origin/feature-login'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

git-experiment/

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

Dropped refs/stash@{0} (9db024033b13d3942dc8d615162833f7154891ad)

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git push origin feature-login

Everything up-to-date

akash@AKASH MINGW64 ~/GitExp (feature-login)

$ git switch main

Switched to branch 'main'

Your branch is up to date with 'origin/main'.

akash@AKASH MINGW64 ~/GitExp (main)

$ git branch -d feature-login

Deleted branch feature-login (was 6799fef).

akash@AKASH MINGW64 ~/GitExp (main)

$ git push origin --delete feature-login

To https://github.com/techguru2024-afk/git-experiment.git

- [deleted] feature-login

akash@AKASH MINGW64 ~/GitExp (main)

$ git pull origin main

From https://github.com/techguru2024-afk/git-experiment

\* branch main -> FETCH\_HEAD

Already up to date.

akash@AKASH MINGW64 ~/GitExp (main)

$ touch one.txt

akash@AKASH MINGW64 ~/GitExp (main)

$ git stash

No local changes to save

akash@AKASH MINGW64 ~/GitExp (main)

$ git add one.txt

akash@AKASH MINGW64 ~/GitExp (main)

$ git stash

Saved working directory and index state WIP on main: 6799fef First file

akash@AKASH MINGW64 ~/GitExp (main)

$ git stash list

stash@{0}: WIP on main: 6799fef First file

akash@AKASH MINGW64 ~/GitExp (main)

$ git stash apply

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: one.txt

Untracked files:

(use "git add <file>..." to include in what will be committed)

git-experiment/

akash@AKASH MINGW64 ~/GitExp (main)

$ git log --oneline -n 5

6799fef (**HEAD** -> **main**, **origin/main**) First file

b4ca219 Add files via upload

akash@AKASH MINGW64 ~/GitExp (main)

$ git cherry-pick b4ca219

error: your local changes would be overwritten by cherry-pick.

hint: commit your changes or stash them to proceed.

fatal: cherry-pick failed

akash@AKASH MINGW64 ~/GitExp (main)

$ git cherry-pick 6799fef

error: your local changes would be overwritten by cherry-pick.

hint: commit your changes or stash them to proceed.

fatal: cherry-pick failed

akash@AKASH MINGW64 ~/GitExp (main)

$ git stash

Saved working directory and index state WIP on main: 6799fef First file

akash@AKASH MINGW64 ~/GitExp (main)

$ git cherry-pick 6799fef

On branch main

Your branch is up to date with 'origin/main'.

You are currently cherry-picking commit 6799fef.

(all conflicts fixed: run "git cherry-pick --continue")

(use "git cherry-pick --skip" to skip this patch)

(use "git cherry-pick --abort" to cancel the cherry-pick operation)

Untracked files:

(use "git add <file>..." to include in what will be committed)

git-experiment/

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

The previous cherry-pick is now empty, possibly due to conflict resolution.

If you wish to commit it anyway, use:

git commit --allow-empty

Otherwise, please use 'git cherry-pick --skip'

akash@AKASH MINGW64 ~/GitExp (main|CHERRY-PICKING)

$ git log --author="JohnDoe" --since="2025-05-31" --until="2023-06-01" -

pretty=format:"%h - %ad - %s" --date=short

fatal: unrecognized argument: -

bash: --date=short: command not found

akash@AKASH MINGW64 ~/GitExp (main|CHERRY-PICKING)

$ git log --author="JohnDoe" --since="2025-05-31" --until="2025-06-01" -

pretty=format:"%h - %ad - %s" --date=short

fatal: unrecognized argument: -

bash: --date=short: command not found

akash@AKASH MINGW64 ~/GitExp (main|CHERRY-PICKING)

$ git log --author="HAcker-1unoff-off" --since="2025-04-01" --until="2025-05-28" --date=short