GIT

Sujata@SujataLp01 MINGW64 ~

$ pwd

/c/Users/Sujata

Sujata@SujataLp01 MINGW64 ~

$ cd D:\SapientAugSep2025\GitDemoFolder

bash: cd: D:SapientAugSep2025GitDemoFolder: No such file or directory

Sujata@SujataLp01 MINGW64 ~

$ cd "D:\SapientAugSep2025\GitDemoFolder"

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder

$ pwd

/d/SapientAugSep2025/GitDemoFolder

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder

$ git config --global user.name "Sujata Batra"

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder

$ git config --global user.email "sujatabatra@hotmail.com"

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder

$ git init

Initialized empty Git repository in D:/SapientAugSep2025/GitDemoFolder/.git/

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ touch first.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

On branch master

No commits yet

Untracked files:

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

first.txt

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

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ touch second.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

On branch master

No commits yet

Untracked files:

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

first.txt

second.txt

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

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git rm --cached first.txt

rm 'first.txt'

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: second.txt

Untracked files:

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

first.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git commit -m "Commiting first.txt"

[master a683654] Commiting first.txt

1 file changed, 1 insertion(+)

create mode 100644 first.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git log

commit a683654fcda759ba9aac22c68faddc8c66ddd7de (HEAD -> master)

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:43:17 2025 +0530

Commiting first.txt

commit ec7450a2c85bc51da032aa14ba2d4facea817737

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:40:10 2025 +0530

My First Commit

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

On branch master

nothing to commit, working tree clean

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

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: first.txt

no changes added to commit (use "git add" and/or "git commit -a")

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git restore first.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

On branch master

nothing to commit, working tree clean

$ git add .

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git commit -m "Comitting modified first.txt"

[master d58b07f] Comitting modified first.txt

1 file changed, 2 insertions(+), 1 deletion(-)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git log

commit d58b07fc893179ae542ff7152098a7315492ef20 (HEAD -> master)

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:50:08 2025 +0530

Comitting modified first.txt

commit a683654fcda759ba9aac22c68faddc8c66ddd7de

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:43:17 2025 +0530

Commiting first.txt

commit ec7450a2c85bc51da032aa14ba2d4facea817737

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:40:10 2025 +0530

My First Commit

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git remote add origin https://github.com/Sujatabatra/sapientdemo.git

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git push -u origin master

Enumerating objects: 9, done.

Counting objects: 100% (9/9), done.

Delta compression using up to 8 threads

Compressing objects: 100% (7/7), done.

Writing objects: 100% (9/9), 894 bytes | 447.00 KiB/s, done.

Total 9 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/Sujatabatra/sapientdemo.git

\* [new branch] master -> master

Branch 'master' set up to track remote branch 'master' from 'origin'.

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git branch MyNewFeature

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git checkout MyNewFeature

Switched to branch 'MyNewFeature'

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ touch third.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ git status

On branch MyNewFeature

Untracked files:

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

third.txt

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

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ git add .

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ git commit -m "Added third.txt in MyNewFeature Branch"

[MyNewFeature eb1a8f5] Added third.txt in MyNewFeature Branch

1 file changed, 1 insertion(+)

create mode 100644 third.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ git status

On branch MyNewFeature

nothing to commit, working tree clean

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ git log

commit eb1a8f5038426f7eca726ad094126ba7989676c6 (HEAD -> MyNewFeature)

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 12:07:38 2025 +0530

Added third.txt in MyNewFeature Branch

commit d58b07fc893179ae542ff7152098a7315492ef20 (origin/master, master)

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:50:08 2025 +0530

Comitting modified first.txt

commit a683654fcda759ba9aac22c68faddc8c66ddd7de

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:43:17 2025 +0530

Commiting first.txt

commit ec7450a2c85bc51da032aa14ba2d4facea817737

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:40:10 2025 +0530

My First Commit

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ git checkout master

Switched to branch 'master'

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

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ touch fourth.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

On branch master

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

Untracked files:

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

fourth.txt

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

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git add .

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git commit -m "adding new file fouth.txt in master branch"

[master d16807d] adding new file fouth.txt in master branch

1 file changed, 1 insertion(+)

create mode 100644 fourth.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working tree clean

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git checkout MyNewFeature

Switched to branch 'MyNewFeature'

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewFeature)

$ git checkout master

Switched to branch 'master'

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git checkout myNewFeature

Switched to branch 'myNewFeature'

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (myNewFeature)

$ git push -u origin MyNewFeature

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), 346 bytes | 346.00 KiB/s, done.

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

remote:

remote: Create a pull request for 'MyNewFeature' on GitHub by visiting:

remote: https://github.com/Sujatabatra/sapientdemo/pull/new/MyNewFeature

remote:

To https://github.com/Sujatabatra/sapientdemo.git

\* [new branch] MyNewFeature -> MyNewFeature

Branch 'MyNewFeature' set up to track remote branch 'MyNewFeature' from 'origin'.

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (myNewFeature)

$ git checkout master

Switched to branch 'master'

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git merge MyNewFeature

Merge made by the 'ort' strategy.

third.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 third.txt

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git log

commit 6e065a28ca2fdb64a2bc294c2d4b553057e7c93f (HEAD -> master)

Merge: d16807d eb1a8f5

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 12:17:46 2025 +0530

Merge branch 'MyNewFeature'

commit d16807d51618458214b2616178c76206515d5d52

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 12:12:08 2025 +0530

adding new file fouth.txt in master branch

commit eb1a8f5038426f7eca726ad094126ba7989676c6 (origin/MyNewFeature, MyNewFeature)

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 12:07:38 2025 +0530

Added third.txt in MyNewFeature Branch

commit d58b07fc893179ae542ff7152098a7315492ef20 (origin/master)

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:50:08 2025 +0530

Comitting modified first.txt

commit a683654fcda759ba9aac22c68faddc8c66ddd7de

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:43:17 2025 +0530

Commiting first.txt

commit ec7450a2c85bc51da032aa14ba2d4facea817737

Author: Sujata Batra <sujatabatra@hotmail.com>

Date: Wed Sep 3 11:40:10 2025 +0530

My First Commit

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git push -u origin master

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 8 threads

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

Writing objects: 100% (5/5), 599 bytes | 599.00 KiB/s, done.

Total 5 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/Sujatabatra/sapientdemo.git

d58b07f..6e065a2 master -> master

Branch 'master' set up to track remote branch 'master' from 'origin'.

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git branch -d MyNewFeature

Deleted branch MyNewFeature (was eb1a8f5).

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git push origin --delete MyNewFeature

To https://github.com/Sujatabatra/sapientdemo.git

- [deleted] MyNewFeature

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git branch MyNewBranch

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git checkout MyNewBranch

Switched to branch 'MyNewBranch'

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewBranch)

$ git add .

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewBranch)

$ git commit -m "Modifying first.txt from MyNewBranch"

[MyNewBranch e27a60a] Modifying first.txt from MyNewBranch

1 file changed, 2 insertions(+), 1 deletion(-)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewBranch)

$ git checkout master

Switched to branch 'master'

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

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git add .

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git commit -m "Modifying first.txt from master branch"

[master 1ef3301] Modifying first.txt from master branch

1 file changed, 2 insertions(+), 1 deletion(-)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git merge MyNewBranch

Auto-merging first.txt

CONFLICT (content): Merge conflict in first.txt

Automatic merge failed; fix conflicts and then commit the result.

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master|MERGING)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

You have unmerged paths.

(fix conflicts and run "git commit")

(use "git merge --abort" to abort the merge)

Unmerged paths:

(use "git add <file>..." to mark resolution)

both modified: first.txt

no changes added to commit (use "git add" and/or "git commit -a")

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master|MERGING)

$ git add .

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master|MERGING)

$ git commit -m "Commit after resolving conflicts"

[master 69979d1] Commit after resolving conflicts

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$ git checkout MyNewBranch

Switched to branch 'MyNewBranch'

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (MyNewBranch)

$ git checkout master

Switched to branch 'master'

Your branch is ahead of 'origin/master' by 3 commits.

(use "git push" to publish your local commits)

Sujata@SujataLp01 MINGW64 /d/SapientAugSep2025/GitDemoFolder (master)

$