

```
Z:\>git config --global user.name "milapdave111"
```

```
error: could not lock config file Z://.gitconfig: Permission denied
```

```
Z:\>set home=C:\Users\student
```

```
Z:\>c:
```

```
C:\>git config --global user.name "milapdave111"
```

```
C:\>git config --global user.email "milapdave6355@gmail.com"
```

```
C:\>git version 2.43.0.windows.1
```

```
git version 2.52.0.windows.1
```

```
C:\>git --version
```

```
git version 2.52.0.windows.1
```

```
C:\>git init
```

```
Initialized empty Git repository in C:/./git/
```

```
C:\>mkdir ost
```

```
C:\>mkdir ost
```

```
A subdirectory or file ost already exists.
```

```
C:\>git init
```

Reinitialized existing Git repository in C:/./git/

```
C:\>cd ost
```

```
C:\ost>git init
```

Initialized empty Git repository in C:/ost/.git/

```
C:\ost>git status
```

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

```
C:\ost>echo Sample.txt
```

Sample.txt

```
C:\ost>echo demo.py
```

demo.py

```
C:\ost>git status
```

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

```
C:\ost>dir
```

Volume in drive C has no label.

Volume Serial Number is C2A1-ABB5

Directory of C:\ost

```
28-01-2026 08:05 <DIR>      .
```

```
28-01-2026 08:05 <DIR>      ..
```

```
0 File(s)      0 bytes
```

```
2 Dir(s) 75,180,949,504 bytes free
```

```
C:\ost>echo sample.txt
```

```
sample.txt
```

```
C:\ost>dir
```

Volume in drive C has no label.

Volume Serial Number is C2A1-ABB5

Directory of C:\ost

```
28-01-2026 08:05 <DIR>      .
```

```
28-01-2026 08:05 <DIR>      ..
```

```
0 File(s)      0 bytes
```

```
2 Dir(s) 75,180,240,896 bytes free
```

```
C:\ost>echo Hello>sample.txt
```

```
C:\ost>dir
```

Volume in drive C has no label.

Volume Serial Number is C2A1-ABB5

Directory of C:\ost

```
28-01-2026 08:08 <DIR>      .
28-01-2026 08:08 <DIR>      ..
28-01-2026 08:08          7 sample.txt
          1 File(s)        7 bytes
          2 Dir(s) 75,180,175,360 bytes free
```

```
C:\ost>type sample.txt
```

Hello

```
C:\ost>git commit -m "Initial commit"
```

On branch master

Initial commit

Untracked files:

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

sample.txt

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

```
C:\ost>git commit -m "Initial commit"
```

On branch master

Initial commit

Untracked files:

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

sample.txt

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

```
C:\ost>git add sample.txt
```

```
C:\ost>git commit -m "Initial commit"
```

[master (root-commit) 55da7b4] Initial commit

1 file changed, 1 insertion(+)

create mode 100644 sample.txt

```
C:\ost>git branch
```

* master

```
C:\ost>git branch -m master main
```

```
C:\ost>git branch
```

```
* main
```

```
C:\ost>git checkout main
```

```
Already on 'main'
```

```
C:\ost>git checkout -b dev
```

```
Switched to a new branch 'dev'
```

```
C:\ost>echo Hello from Dev>>sample.txt
```

```
C:\ost>git add .
```

```
C:\ost>git commit -m "update in dev"
```

```
[dev 9073f0c] update in dev
```

```
1 file changed, 1 insertion(+)
```

```
C:\ost>git merge dev
```

```
Already up to date.
```

```
C:\ost>dir
```

```
Volume in drive C has no label.
```

```
Volume Serial Number is C2A1-ABB5
```

```
Directory of C:\ost
```

```
28-01-2026 08:08 <DIR> .
28-01-2026 08:08 <DIR> ..
28-01-2026 08:12      23 sample.txt
      1 File(s)      23 bytes
      2 Dir(s) 75,182,919,680 bytes free
```

```
C:\ost>type sample.txt
```

```
Hello
```

```
Hello from Dev
```

```
C:\ost>git remote -v
```

```
C:\ost>git remote add origin https://github.com/MilapDave111/OST\_MilapDave
```

```
C:\ost>git remote -v
```

```
origin https://github.com/MilapDave111/OST\_MilapDave (fetch)
```

```
origin https://github.com/MilapDave111/OST\_MilapDave (push)
```

```
C:\ost>git push -u origin main
```

```
C:\ost>git remote add origin https://github.com/MilapDave111/OST\_MilapDave.git
```

```
error: remote origin already exists.
```

```
C:\ost>git remote remove origin
```

```
C:\ost>git remote add origin https://github.com/MilapDave111/OST\_MilapDave.git
```

```
C:\ost>git push -u origin main
```

info: please complete authentication in your browser...

To https://github.com/MilapDave111/OST_MilapDave.git

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

error: failed to push some refs to 'https://github.com/MilapDave111/OST_MilapDave.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.

```
C:\ost>git pull origin main --allow-unrelated-histories
```

remote: Enumerating objects: 28, done.

remote: Counting objects: 100% (28/28), done.

remote: Compressing objects: 100% (26/26), done.

remote: Total 28 (delta 6), reused 0 (delta 0), pack-reused 0 (from 0)

Unpacking objects: 100% (28/28), 474.16 KiB | 774.00 KiB/s, done.

From https://github.com/MilapDave111/OST_MilapDave

```
* branch      main    -> FETCH_HEAD
```

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

Merge made by the 'ort' strategy.

01CE0618 - Open Source Technologies Syllabus.pdf | Bin 0 -> 151997 bytes

Practical 1.docx | Bin 0 -> 341420 bytes

Practical 1.pdf | 80 ++++++

3 files changed, 80 insertions(+)

create mode 100644 01CE0618 - Open Source Technologies Syllabus.pdf

create mode 100644 Practical 1.docx

create mode 100644 Practical 1.pdf

C:\ost>git push -u origin main

To https://github.com/MilapDave111/OST_MilapDave.git

! [rejected] main -> main (non-fast-forward)

error: failed to push some refs to 'https://github.com/MilapDave111/OST_MilapDave.git'

hint: Updates were rejected because a pushed branch tip is behind its remote

hint: counterpart. If you want to integrate the remote changes, use 'git pull'

hint: before pushing again.

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

C:\ost>

C:\ost>git checkout main

Switched to branch 'main'

C:\ost>git branch

dev

* main

C:\ost>git pull --rebase origin main

From https://github.com/MilapDave111/OST_MilapDave

* branch main -> FETCH_HEAD

Successfully rebased and updated refs/heads/main.

```
C:\ost>git push -u origin main
```

```
Enumerating objects: 4, done.
```

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

```
Delta compression using up to 6 threads
```

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

```
Writing objects: 100% (3/3), 279 bytes | 139.00 KiB/s, done.
```

```
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
```

```
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
```

```
remote: Bypassed rule violations for refs/heads/main:
```

```
remote:
```

```
remote: - Changes must be made through a pull request.
```

```
remote:
```

```
To https://github.com/MilapDave111/OST\_MilapDave.git
```

```
6759293..dfe6701 main -> main
```

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

```
C:\ost>dir
```

```
Volume in drive C has no label.
```

```
Volume Serial Number is C2A1-ABB5
```

```
Directory of C:\ost
```

```
28-01-2026 08:30 <DIR> .
```

```
28-01-2026 08:30 <DIR> ..
```

```
28-01-2026 08:30 151,997 01CE0618 - Open Source Technologies Syllabus.pdf
```

```
28-01-2026 08:30 341,420 Practical 1.docx
```

28-01-2026 08:30 3,623 Practical 1.pdf

28-01-2026 08:30 7 sample.txt

4 File(s) 497,047 bytes

2 Dir(s) 74,909,814,784 bytes free

C:\ost>git remote -v

origin https://github.com/MilapDave111/OST_MilapDave.git (fetch)

origin https://github.com/MilapDave111/OST_MilapDave.git (push)

C:\ost>git push -u origin main

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

Everything up-to-date

C:\ost>git checkout main

Already on 'main'

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

C:\ost>git checkout -b dev

fatal: a branch named 'dev' already exists

C:\ost>git branch

dev

* main

C:\ost>git switch dev

Switched to branch 'dev'

C:\ost>git status

On branch dev

nothing to commit, working tree clean

C:\ost>git add .

C:\ost>git commit -m "Hellow from dev"

On branch dev

nothing to commit, working tree clean

C:\ost>git push -u origin dev

Enumerating objects: 9, done.

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

Delta compression using up to 6 threads

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

Writing objects: 100% (8/8), 801 bytes | 801.00 KiB/s, done.

Total 8 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

remote:

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

remote: https://github.com/MilapDave111/OST_MilapDave/pull/new/dev

remote:

To https://github.com/MilapDave111/OST_MilapDave.git

* [new branch] dev -> dev

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

C:\ost>

C:\ost>git push -u origin dev

Enumerating objects: 9, done.

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

Delta compression using up to 6 threads

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

Writing objects: 100% (8/8), 801 bytes | 801.00 KiB/s, done.

Total 8 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

remote:

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

remote: https://github.com/MilapDave111/OST_MilapDave/pull/new/dev

remote:

To https://github.com/MilapDave111/OST_MilapDave.git

* [new branch] dev -> dev

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

C:\ost>git status

On branch dev

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

nothing to commit, working tree clean

C:\ost>git add .

```
C:\ost>git commit -m "Hello from dev"
```

On branch dev

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

nothing to commit, working tree clean

```
C:\ost>git push
```

Everything up-to-date

```
C:\ost>
```