Git Course

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amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ git --version
git version 2.42.0.windows.2

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ pwd
/d/Study/Projects/100xdevs/Week_2/git

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ ls

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ git status
fatal: not a git repository (or any of the parent directories): .git

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ mkdir one

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ mkdir two

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ mkdir three

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ cd one/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
$ pwd
/d/Study/Projects/100xdevs/Week_2/git/one

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=aman-somvanshi
user.email=amansomvanshi2002@gmail.com

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
$ git status
fatal: not a git repository (or any of the parent directories): .git

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
$ git init
Initialized empty Git repository in D:/Study/Projects/100xdevs/Week_2/git/one/.git/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ ls

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ ls -la
total 4
drwxr-xr-x 1 amans 197609 0 Sep 23 23:01 ./
drwxr-xr-x 1 amans 197609 0 Sep 23 20:56 ../
drwxr-xr-x 1 amans 197609 0 Sep 23 23:02 .git/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
```

```
$ cd .git/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one/.git
(GIT_DIR!)
$ ls
FETCH_HEAD  HEAD  config  description  hooks/  info/  objects/  refs/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one/.git
(GIT_DIR!)
$ ls -la
total 11
drwxr-xr-x 1 amans 197609   0 Sep 23 23:02 ./
drwxr-xr-x 1 amans 197609   0 Sep 23 23:01 ../
-rw-r--r-- 1 amans 197609   0 Sep 23 23:05 FETCH_HEAD
-rw-r--r-- 1 amans 197609  23 Sep 23 23:01 HEAD
-rw-r--r-- 1 amans 197609 130 Sep 23 23:01 config
-rw-r--r-- 1 amans 197609  73 Sep 23 23:01 description
drwxr-xr-x 1 amans 197609   0 Sep 23 23:01 hooks/
drwxr-xr-x 1 amans 197609   0 Sep 23 23:01 info/
drwxr-xr-x 1 amans 197609   0 Sep 23 23:05 objects/
drwxr-xr-x 1 amans 197609   0 Sep 23 23:01 refs/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one/.git
(GIT_DIR!)
$ cd ..

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master

No commits yet

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ touch file1.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ touch file2.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   file1.txt
        new file:   file2.txt


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "first commit"
[master (root-commit) 4b854ce] first commit
 2 files changed, 2 insertions(+)
 create mode 100644 file1.txt
 create mode 100644 file2.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (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:   file2.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add file2.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
```

```
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   file2.txt


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "add content to second file"
[master c981d1d] add content to second file
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log
commit c981d1dfa3045400c3e6782f9788b7530ec8d792 (HEAD -> master)
Author: aman-somvanshi <amansomvanshi2002@gmail.com>
Date:   Mon Sep 23 23:14:05 2024 +0530

    add content to second file

commit 4b854ce0b6c049ba41c93f9cb302ccd0d83b6a48
Author: aman-somvanshi <amansomvanshi2002@gmail.com>
Date:   Mon Sep 23 23:12:46 2024 +0530

    first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
c981d1d (HEAD -> master) add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git config --global core.editor "code --wait"

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (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:   file1.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add file1.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit
[master b6dd251] add content to file one
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
b6dd251 (HEAD -> master) add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ touch .env

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .gitignore

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "add gitignore file"
[master cce8fda] add gitignore file
 1 file changed, 2 insertions(+)
 create mode 100644 .gitignore
```

```
amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        images/

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   images/.gitkeep


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "add the image folder using .gitkeep"
[master b9536c5] add the image folder using .gitkeep
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 images/.gitkeep

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
b9536c5 (HEAD -> master) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ ^C

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git show -s --pretty=raw cce8fda
commit cce8fda278c6761933d38814ec2a1503c118723d
tree 05128a6ad5c200f96e122fc1e483828c2ae84bb4
parent b6dd2510a8f617d4a016752af931879217a79a7e
author aman-somvanshi <amansomvanshi2002@gmail.com> 1727114283 +0530
committer aman-somvanshi <amansomvanshi2002@gmail.com> 1727114283 +0530

    add gitignore file

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git ls-tree 05128a6ad5c200f96e122fc1e483828c2ae84bb4
100644 blob 1dcef2d9f2db74bf13c54f973f40239e00717423    .gitignore
100644 blob fa163b45977693b7f3ed9f607d93392a2e31c7c1    file1.txt
100644 blob f54efc89153e83f50644cdf6292b75b0181d79a3    file2.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git show fa163b45977693b7f3ed9f607d93392a2e31c7c1
this is my file one for git

adding more content to file one

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git cat-file -p cce8fda278c6761933d38814ec2a1503c118723d
tree 05128a6ad5c200f96e122fc1e483828c2ae84bb4
parent b6dd2510a8f617d4a016752af931879217a79a7e
author aman-somvanshi <amansomvanshi2002@gmail.com> 1727114283 +0530
committer aman-somvanshi <amansomvanshi2002@gmail.com> 1727114283 +0530

add gitignore file

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
* master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch bug-fix

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
```

```
$ git branch
  bug-fix
* master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git switch bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git branch
* bug-fix
  master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git add fixes.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit -m "add fix file"
[bug-fix 16fcf4d] add fix file
 1 file changed, 1 insertion(+)
 create mode 100644 fixes.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git status
On branch bug-fix
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git log
commit 16fcf4de0344882205136189537baeea70eac3dc (HEAD -> bug-fix)
Author: aman-somvanshi <amansomvanshi2002@gmail.com>
Date:   Mon Sep 23 23:57:30 2024 +0530

    add fix file

commit b9536c5ca1f87f711ecac47e206e1748c2b3e464 (master)
Author: aman-somvanshi <amansomvanshi2002@gmail.com>
Date:   Mon Sep 23 23:33:50 2024 +0530

    add the image folder using .gitkeep

commit cce8fda278c6761933d38814ec2a1503c118723d
Author: aman-somvanshi <amansomvanshi2002@gmail.com>
Date:   Mon Sep 23 23:28:03 2024 +0530

    add gitignore file

commit b6dd2510a8f617d4a016752af931879217a79a7e
Author: aman-somvanshi <amansomvanshi2002@gmail.com>
Date:   Mon Sep 23 23:23:35 2024 +0530

    add content to file one
:

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git branch
* bug-fix
  master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git switch master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  bug-fix
* master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git switch -c dark-mode
Switched to a new branch 'dark-mode'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (dark-mode)
$ git checkout orange-mode
error: pathspec 'orange-mode' did not match any file(s) known to git

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (dark-mode)
```

```
$ git branch orange-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (dark-mode)
$ git branch
  bug-fix
* dark-mode
  master
  orange-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (dark-mode)
$ git checkout orange-mode
Switched to branch 'orange-mode'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (orange-
mode)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout orange-mode
Switched to branch 'orange-mode'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (orange-
mode)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git status
On branch bug-fix
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:   fixes.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit -m "another fix"
[bug-fix 3e49d94] another fix
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git merge bug-fix
Updating b9536c5..3e49d94
Fast-forward
 fixes.txt | 3 +++
 1 file changed, 3 insertions(+)
 create mode 100644 fixes.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  bug-fix
  dark-mode
* master
  orange-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
```

```
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit "third bug fixed"
error: pathspec 'third bug fixed' did not match any file(s) known to git

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit -m "third bug fixed"
[bug-fix 57b361a] third bug fixed
 1 file changed, 2 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git status
On branch bug-fix
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit -m "fourth bug fixed"
[bug-fix 621f74a] fourth bug fixed
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "add marketing message"
[master 089ec61] add marketing message
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit -m "Fix fifth bug"
[bug-fix 0984592] Fix fifth bug
 1 file changed, 2 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "add footer note"
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:   file2.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "add footer note"
[master 8c124f8] add footer note
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
```

```
On branch master
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  bug-fix
  dark-mode
* master
  orange-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git merge bug-fix
Merge made by the 'ort' strategy.
 fixes.txt | 6 +++++-
 1 file changed, 5 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
21b7f0b (HEAD -> master) Merge branch 'bug-fix' -1
8c124f8 add footer note
0984592 (bug-fix) Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
3e49d94 another fix
16fcf4d add fix file
b9536c5 (orange-mode, dark-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  bug-fix
  dark-mode
* master
  orange-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "add 2024 note"
[master 97b17ab] add 2024 note
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit -m "footer year"
[bug-fix c6e033a] footer year
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  bug-fix
  dark-mode
* master
  orange-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
```

```
$ git merge bug-fix
Auto-merging file2.txt
CONFLICT (content): Merge conflict in file2.txt
Automatic merge failed; fix conflicts and then commit the result.

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git merge bug-fix
error: Merging is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git status
On branch master
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:   file2.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git merge --abort

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git merge bug-fix
Auto-merging file2.txt
CONFLICT (content): Merge conflict in file2.txt
Automatic merge failed; fix conflicts and then commit the result.

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git status
On branch master
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:   file2.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git add file2.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git commit -m "manual merge with bug-fix"
[master 326d9ca] manual merge with bug-fix

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  bug-fix
  dark-mode
* master
  orange-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
```

```
$ git add file1.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git commit -m "add 2024"
[bug-fix 7d589ee] add 2024
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "2025 added"
[master 4f31cd7] 2025 added
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git merge bug-fix
Auto-merging file1.txt
CONFLICT (content): Merge conflict in file1.txt
Automatic merge failed; fix conflicts and then commit the result.

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git status
On branch master
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:   file1.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git add file1.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(master|MERGING)
$ git commit -m "conflict resolved"
[master f6b8445] conflict resolved

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch -m orange-mode pink-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  bug-fix
  dark-mode
* master
  pink-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch -m dark-mode black-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  black-mode
  bug-fix
* master
  pink-mode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch -d pink-mode
Deleted branch pink-mode (was b9536c5).
```

```
amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ ls
file1.txt  file2.txt  fixes.txt  images/  logs/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
nothing to commit, working tree clean

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add file1.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   file1.txt


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git diff

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git diff --staged
diff --git a/file1.txt b/file1.txt
index f64246a..30902b1 100644
--- a/file1.txt
+++ b/file1.txt
@@ -2,4 +2,6 @@ this is my file one for git

 adding more content to file one

+Another marketing section added to file one.
+
 2025 is coming

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git diff master bug-fix
diff --git a/file1.txt b/file1.txt
index f64246a..daacaf0 100644
--- a/file1.txt
+++ b/file1.txt
@@ -2,4 +2,4 @@ this is my file one for git

 adding more content to file one

-2025 is coming
+2024 is coming
\ No newline at end of file
diff --git a/file2.txt b/file2.txt
index cdf1764..053d094 100644
--- a/file2.txt
+++ b/file2.txt
@@ -2,11 +2,4 @@ this is my file two for git

 adding more content to file two

-
-add another marketing message section
-
-add footer note

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
f6b8445 (HEAD -> master) conflict resolved
4f31cd7 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
97b17ab add 2024 note
21b7f0b Merge branch 'bug-fix' -1
8c124f8 add footer note
0984592 Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
```

```
3e49d94 another fix
16fcf4d add fix file
b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git diff 4f31cd7..c6e033a
diff --git a/file1.txt b/file1.txt
index f6057cb..fa163b4 100644
--- a/file1.txt
+++ b/file1.txt
@@ -1,5 +1,3 @@
 this is my file one for git

-adding more content to file one
-
-2025 is coming
\ No newline at end of file
+adding more content to file one
\ No newline at end of file
diff --git a/file2.txt b/file2.txt
index cdf1764..053d094 100644
--- a/file2.txt
+++ b/file2.txt
@@ -2,11 +2,4 @@ this is my file two for git

  adding more content to file two


-
-add another marketing message section

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  black-mode
  bug-fix
* master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
error: Your local changes to the following files would be overwritten by checkout:
        file1.txt
Please commit your changes or stash them before you switch branches.
Aborting

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   file1.txt


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash
Saved working directory and index state WIP on master: f6b8445 conflict resolved

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
Switched to branch 'bug-fix'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (bug-fix)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash list
stash@{0}: WIP on master: f6b8445 conflict resolved

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout bug-fix
error: Your local changes to the following files would be overwritten by checkout:
        file2.txt
Please commit your changes or stash them before you switch branches.
Aborting
```

```
amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash "Second stash"
fatal: subcommand wasn't specified; 'push' can't be assumed due to unexpected token
'Second stash'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash save "Second stash"
Saved working directory and index state On master: Second stash

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash list
stash@{0}: On master: Second stash
stash@{1}: WIP on master: f6b8445 conflict resolved

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash apply stash@{0}
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:   file2.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash list
stash@{0}: On master: Second stash
stash@{1}: WIP on master: f6b8445 conflict resolved

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash pop
error: Your local changes to the following files would be overwritten by merge:
        file2.txt
Please commit your changes or stash them before you merge.
Aborting
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:   file2.txt

no changes added to commit (use "git add" and/or "git commit -a")
The stash entry is kept in case you need it again.

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash drop
Dropped refs/stash@{0} (8f54f5034ec98db459228f6d011b485af67843b4)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash list
stash@{0}: WIP on master: f6b8445 conflict resolved

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (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:   file2.txt

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git stash save "Add a line in file2"
Saved working directory and index state On master: Add a line in file2

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
f6b8445 (HEAD -> master) conflict resolved
4f31cd7 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
97b17ab add 2024 note
21b7f0b Merge branch 'bug-fix' -1
8c124f8 add footer note
```

```
0984592 Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
3e49d94 another fix
16fcf4d add fix file
b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git tag MyTag

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git tag -a rebel -m "Release 1.0"

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git tag
MyTag
rebel

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git tag newTag 4f31cd7

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git tag
MyTag
newTag
rebel


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch
  black-mode
  bug-fix
* master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git switch -c pinkmode
Switched to a new branch 'pinkmode'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (pinkmode)
$ git branch
  black-mode
  bug-fix
  master
* pinkmode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (pinkmode)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (pinkmode)
$ git commit -m "start pink mode"
[pinkmode edc0875] start pink mode
 1 file changed, 1 insertion(+)
 create mode 100644 pinkmode.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (pinkmode)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add fixes.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "pink mode fix
> ^C

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
f6b8445 (HEAD -> master, tag: rebel, tag: MyTag) conflict resolved
4f31cd7 (tag: newTag) 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
```

```
97b17ab add 2024 note
21b7f0b Merge branch 'bug-fix' -1
8c124f8 add footer note
0984592 Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
3e49d94 another fix
16fcf4d add fix file
b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   fixes.txt


amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "pink mode fix"
[master 29021e4] pink mode fix
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout pinkmode
Switched to branch 'pinkmode'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (pinkmode)
$ git merge master
Merge made by the 'ort' strategy.
 fixes.txt | 4 +++-
 1 file changed, 3 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (pinkmode)
$ git log --oneline
7365a51 (HEAD -> pinkmode) Merge branch 'master' into pinkmode
29021e4 (master) pink mode fix
edc0875 start pink mode
f6b8445 (tag: rebel, tag: MyTag) conflict resolved
4f31cd7 (tag: newTag) 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
97b17ab add 2024 note
21b7f0b Merge branch 'bug-fix' -1
8c124f8 add footer note
0984592 Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
3e49d94 another fix
16fcf4d add fix file
b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (pinkmode)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git branch purplemode

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout purplemode
Switched to branch 'purplemode'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(purplemode)
$ git add purplemode.txt
```

```
amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(purplemode)
$ git commit -m "add purple mode"
[purplemode 264f380] add purple mode
 1 file changed, 1 insertion(+)
 create mode 100644 purplemode.txt

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(purplemode)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git commit -m "fix for purple mode"
[master f5a4ff3] fix for purple mode
 1 file changed, 2 insertions(+), 1 deletion(-)

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git checkout purplemode
Switched to branch 'purplemode'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(purplemode)
$ git rebase master
Successfully rebased and updated refs/heads/purplemode.

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(purplemode)
$ git log --oneline
5ae3c5f (HEAD -> purplemode) add purple mode
f5a4ff3 (master) fix for purple mode
29021e4 pink mode fix
f6b8445 (tag: rebel, tag: MyTag) conflict resolved
4f31cd7 (tag: newTag) 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
97b17ab add 2024 note
21b7f0b Merge branch 'bug-fix' -1
8c124f8 add footer note
0984592 Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
3e49d94 another fix
16fcf4d add fix file
b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one
(purplemode)
$ git checkout master
Switched to branch 'master'

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
f5a4ff3 (HEAD -> master) fix for purple mode
29021e4 pink mode fix
f6b8445 (tag: rebel, tag: MyTag) conflict resolved
4f31cd7 (tag: newTag) 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
97b17ab add 2024 note
21b7f0b Merge branch 'bug-fix' -1
8c124f8 add footer note
0984592 Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
```

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3e49d94 another fix
16fcf4d add fix file
b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git reflog
f5a4ff3 (HEAD -> master) HEAD@{0}: checkout: moving from purplemode to master
5ae3c5f (purplemode) HEAD@{1}: rebase (finish): returning to refs/heads/purplemode
5ae3c5f (purplemode) HEAD@{2}: rebase (pick): add purple mode
f5a4ff3 (HEAD -> master) HEAD@{3}: rebase (start): checkout master
264f380 HEAD@{4}: checkout: moving from master to purplemode
f5a4ff3 (HEAD -> master) HEAD@{5}: commit: fix for purple mode
29021e4 HEAD@{6}: checkout: moving from purplemode to master
264f380 HEAD@{7}: commit: add purple mode
29021e4 HEAD@{8}: checkout: moving from master to purplemode
29021e4 HEAD@{9}: checkout: moving from pinkmode to master
7365a51 (pinkmode) HEAD@{10}: merge master: Merge made by the 'ort' strategy.
edc0875 HEAD@{11}: checkout: moving from master to pinkmode
29021e4 HEAD@{12}: commit: pink mode fix
f6b8445 (tag: rebel, tag: MyTag) HEAD@{13}: checkout: moving from pinkmode to
master
edc0875 HEAD@{14}: commit: start pink mode
f6b8445 (tag: rebel, tag: MyTag) HEAD@{15}: checkout: moving from master to
pinkmode
f6b8445 (tag: rebel, tag: MyTag) HEAD@{16}: reset: moving to HEAD
f6b8445 (tag: rebel, tag: MyTag) HEAD@{17}: reset: moving to HEAD
f6b8445 (tag: rebel, tag: MyTag) HEAD@{18}: checkout: moving from bug-fix to master

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
f5a4ff3 (HEAD -> master) fix for purple mode
29021e4 pink mode fix
f6b8445 (tag: rebel, tag: MyTag) conflict resolved
4f31cd7 (tag: newTag) 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
97b17ab add 2024 note
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b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git reset --hard 29021e4
HEAD is now at 29021e4 pink mode fix

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/one (master)
$ git log --oneline
29021e4 (HEAD -> master) pink mode fix
f6b8445 (tag: rebel, tag: MyTag) conflict resolved
4f31cd7 (tag: newTag) 2025 added
7d589ee (bug-fix) add 2024
326d9ca manual merge with bug-fix
c6e033a footer year
97b17ab add 2024 note
21b7f0b Merge branch 'bug-fix' -1
8c124f8 add footer note
0984592 Fix fifth bug
089ec61 add marketing message
621f74a fourth bug fixed
57b361a third bug fixed
3e49d94 another fix
16fcf4d add fix file
```

```
b9536c5 (black-mode) add the image folder using .gitkeep
cce8fda add gitignore file
b6dd251 add content to file one
c981d1d add content to second file
4b854ce first commit

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git
$ cd two

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/two
$ git clone https://github.com/aman-somvanshi/open-source-1.0.git
Cloning into 'open-source-1.0'...
remote: Enumerating objects: 570, done.
remote: Counting objects: 100% (241/241), done.
remote: Compressing objects: 100% (110/110), done.
remote: Total 570 (delta 205), reused 131 (delta 131), pack-reused 329 (from 1)
Receiving objects: 100% (570/570), 219.26 KiB | 432.00 KiB/s, done.
Resolving deltas: 100% (238/238), done.

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/two
$ cd open-source-1.0/

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/two/open-
source-1.0 (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)
        index.html

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

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/two/open-
source-1.0 (main)
$ git add .

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/two/open-
source-1.0 (main)
$ git commit -m "add index.html"
[main c0c1337] add index.html
 1 file changed, 11 insertions(+)
 create mode 100644 index.html

amans@LAPTOP-Q93M3701 MINGW64 /d/Study/Projects/100xdevs/Week_2/git/two/open-
source-1.0 (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 422 bytes | 422.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/aman-somvanshi/open-source-1.0.git
   c8d4c31..c0c1337  main -> main
```