

EXPERIMENT - 2

- Git installation & setup

```
dhyepatel@Dhyeys-MacBook-Air ~ % brew reinstall git
=> Fetching downloads for: git
=> Downloading https://ghcr.io/v2/homebrew/core/git/manifests/2.50.1
Already downloaded: /Users/dhyepatel/Library/Caches/Homebrew/downloads/c530cb4e0519ddb22a7dc77a6dd6718547710bbe7540c32459fc0e9c386fa--git-2.50.1.bottle_manifest.json
=> Fetching git
=> Downloading https://ghcr.io/v2/homebrew/core/git/blobs/sha256:1c52175ea970bc52fb7e730d9239e88fb731dd709c29e6462790c6ad74811044
Already downloaded: /Users/dhyepatel/Library/Caches/Homebrew/downloads/64eeac0a6bec42242128bc19e9cfe5e7b4597b81def004f90d888b8bac9821d--git--2.50.1.arm64_sequoia.bottle.tar.gz
=> Reinstalling git
=> Pouring git--2.50.1.arm64_sequoia.bottle.tar.gz
=> Cleanup
The Tcl/Tk GUIs (e.g. gitk, git-gui) are now in the 'git-gui' formula.
Subversion interoperability (git-svn) is now in the 'git-svn' formula.
Summary
  => opt/homebrew/Cellar/git/2.50.1: 1,748 files, 55.8MB
  => Running 'brew cleanup git'...
  => Disabling this behaviour by setting 'HOMEBREW_NO_INSTALL_CLEANUP=1'.
  => Hide these hints with 'HOMEBREW_NO_ENV_HINTS=1' (see `man brew`).
  => No outdated dependents to upgrade!
  => Caveats
zsh completions and functions have been installed to:
  /opt/homebrew/share/zsh/site-functions
dhyepatel@Dhyeys-MacBook-Air ~ % []
```

```
[dhyepatel@Dhyeys-MacBook-Air ~ % git --version
git version 2.50.1
dhyepatel@Dhyeys-MacBook-Air ~ % ]
```

```
[dhyepatel@Dhyeys-MacBook-Air ~ % git config --global user.name "Dhyey Patel"
[dhyepatel@Dhyeys-MacBook-Air ~ % git config --global user.email "dhyepatel2907@gmail.com"
[dhyepatel@Dhyeys-MacBook-Air ~ % git config --global init.defaultBranch main
[dhyepatel@Dhyeys-MacBook-Air ~ % git config --list
credential.helper=osxkeychain
user.name=Dhyey Patel
user.email=dhyepatel2907@gmail.com
init.defaultbranch=main
dhyepatel@Dhyeys-MacBook-Air ~ % ]
```

- Repo Initialization

```
Last login: Fri Aug  8 22:30:51 on ttys003
[dhyepatel@Dhyeys-MacBook-Air devops_e2 % mkdir e2
cd e2
[dhyepatel@Dhyeys-MacBook-Air e2 % git init
Initialized empty Git repository in /Users/dhyepatel/Desktop/devops_e2/e2/.git/
dhyepatel@Dhyeys-MacBook-Air e2 % ]
```

- Initial commit & `gitignore` setup

```
[dhyeypatel@Dhyeys-MacBook-Air e2 % echo "<h1>Welcome dhyey om hil exp2 </h1>" > index.html
[dhyeypatel@Dhyeys-MacBook-Air e2 % git status
On branch main

No commits yet

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)
dhyeypatel@Dhyeys-MacBook-Air e2 %
```

```
[dhyeypatel@Dhyeys-MacBook-Air e2 % git add index.html
[dhyeypatel@Dhyeys-MacBook-Air e2 % git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
      new file:   index.html
```

```
[dhyepatel@Dhyeys-MacBook-Air e2 % git commit -m "initial commit by dhyey om hil"
[main (root-commit) d422c2c] initial commit by dhyey om hil
 1 file changed, 1 insertion(+)
  create mode 100644 index.html
dhyepatel@Dhyeys-MacBook-Air e2 % ]
```

```
[dhyeypatel@Dhyeys-MacBook-Air e2 % ls -a  
 . .. .git  
 dhyeypatel@Dhyeys-MacBook-Air e2 % ]
```

```
[dhyepatel@Dhyeys-MacBook-Air e2 % echo "SECRET_KEY=ABC123XYZ" > .env
[dhyepatel@Dhyeys-MacBook-Air e2 % git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    .env

nothing added to commit but untracked files present (use "git add" to track)
[dhyepatel@Dhyeys-MacBook-Air e2 % echo ".env" > .gitignore
[dhyepatel@Dhyeys-MacBook-Air e2 % git status
On branch main
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)
```

```
[dhyepatel@Dhyeys-MacBook-Air e2 % git add .gitignore
[dhyepatel@Dhyeys-MacBook-Air e2 % git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

[dhyepatel@Dhyeys-MacBook-Air e2 % git commit -m "Docs: Add .gitignore to exclude environment files"
[main 5fccc8d] Docs: Add .gitignore to exclude environment files
  1 file changed, 1 insertion(+)
  create mode 100644 .gitignore
```

- **branching**

```
[dhyepatel@Dhyeys-MacBook-Air e2 % git checkout -b feature/styling
Switched to a new branch 'feature/styling'
[dhyepatel@Dhyeys-MacBook-Air e2 % echo "body { background-color: #f0f0f0; font-family: sans-serif; }" > styles.css
[dhyepatel@Dhyeys-MacBook-Air e2 % echo '<link rel="stylesheet" href="styles.css">' >> index.html
[dhyepatel@Dhyeys-MacBook-Air e2 % git status
On branch feature/styling
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:   index.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    styles.css

no changes added to commit (use "git add" and/or "git commit -a")
[dhyepatel@Dhyeys-MacBook-Air e2 % git add .
[dhyepatel@Dhyeys-MacBook-Air e2 % git commit -m "Feat: style commit by dhyey om & hil"
[feature/styling 2f5d588] Feat: style commit by dhyey om & hil
  2 files changed, 2 insertions(+)
  create mode 100644 styles.css
```

- **branch merging**

```
[dhyeypatel@Dhyeys-MacBook-Air e2 % git checkout main
Switched to branch 'main'
[dhyeypatel@Dhyeys-MacBook-Air e2 % git merge feature/styling
Updating 5fccd8d..2f5d588
Fast-forward
 index.html | 1 +
 styles.css | 1 +
 2 files changed, 2 insertions(+)
  create mode 100644 styles.css
[dhyeypatel@Dhyeys-MacBook-Air e2 % git branch -d feature/styling
Deleted branch feature/styling (was 2f5d588).
```

- **handling merge conflicts**

repo1

```
[dhyeypatel@Dhyeys-MacBook-Air e2 % git checkout -b feature/update-heading
Switched to a new branch 'feature/update-heading'
[dhyeypatel@Dhyeys-MacBook-Air e2 % echo '<h1>Welcome to Our Cool Website</h1><link rel="stylesheet" href="styles.css">' > index.html
[dhyeypatel@Dhyeys-MacBook-Air e2 % git add .
[dhyeypatel@Dhyeys-MacBook-Air e2 % git commit -am "Feat: Update commit by dhyey om hil"
[feature/update-heading 44cd26a] Feat: Update commit by dhyey om hil
 1 file changed, 1 insertion(+), 2 deletions(-)
```

repo2

```
[dhyeypatel@Dhyeys-MacBook-Air e2 % git checkout main
\Switched to branch 'main'
[dhyeypatel@Dhyeys-MacBook-Air e2 % git checkout -b feature/new-title
Switched to a new branch 'feature/new-title'
[dhyeypatel@Dhyeys-MacBook-Air e2 % echo '<h1>Our Awesome Git Project</h1><link rel="stylesheet" href="styles.css">' > index.html
[dhyeypatel@Dhyeys-MacBook-Air e2 % git add .
[dhyeypatel@Dhyeys-MacBook-Air e2 % git commit -m "Feat: Change project title"
[feature/new-title 457f3f6] Feat: Change project title
 1 file changed, 1 insertion(+), 2 deletions(-)
```

Merge repo1 and conflicts in repo2 merge

```
[dhyepatel@Dhyeys-MacBook-Air e2 % git checkout main
Switched to branch 'main'
[dhyepatel@Dhyeys-MacBook-Air e2 % git merge feature/update-heading
Updating 2f5d588..44cd26a
Fast-forward
 index.html | 3 +--
 1 file changed, 1 insertion(+), 2 deletions(-)
[dhyepatel@Dhyeys-MacBook-Air e2 % git merge feature/new-title
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.
```

Conflicting changes

The screenshot shows a diff viewer interface with a dark theme. At the top, there's a navigation bar with arrows and a search field. Below it, a file path is shown: Users > dhyepatel > Desktop > devops_e2 > e2 > index.html. A question mark icon indicates a conflict. Below the path, there are four options: Accept Current Change, Accept Incoming Change, Accept Both Changes, and Compare Changes. The main area displays the code with conflict markers:

```
1 <<<<< HEAD (Current Change)
2 <h1>Welcome to Our Cool Website</h1><link rel="stylesheet" href="styles.css">
3 =====
4 <h1>Our Awesome Git Project</h1><link rel="stylesheet" href="styles.css">
5 >>>>> feature/new-title (Incoming Change)
6
```

Conflict resolved

The screenshot shows the same diff viewer interface after the conflict has been resolved. The conflict markers from the previous screenshot have disappeared, and the code now reads:

```
1 <h1>Our Awesome Git Project</h1><link rel="stylesheet" href="styles.css">
```

Successful merge

```
[dhyepatel@Dhyeys-MacBook-Air e2 % git add .
[dhyepatel@Dhyeys-MacBook-Air e2 % git commit -m "conflictg resolved by dhyey om hil"
[main 21cbaac] conflictg resolved by dhyey om hil
"git add ."; "git commit -m \"conflictg resolved by dhyey om hil\""; "git push"
```

- **git rebase**

```
dhyepate1@Dhyeys-MacBook-Air e2 % echo "" >> index.html
[git commit -am "Fix: Add missing newline"
 [main dd0b25a] Fix: Add missing newline
 1 file changed, 1 insertion(+)
[dhyepate1@Dhyeys-MacBook-Air e2 % git checkout -b feature/footer
Switched to a new branch 'feature/footer'
dhyepate1@Dhyeys-MacBook-Air e2 % git checkout main

Switched to branch 'main'
[dhyepate1@Dhyeys-MacBook-Air e2 % sed -i '' 's|</h1>|</h1><p>This is an important update added to the main branch.</p>|' index.html
[dhyepate1@Dhyeys-MacBook-Air e2 % git commit -am "Feat:important update to main by dhyey om hill"

[main cde8f6f] Feat:important update to main by dhyey om hill
 1 file changed, 1 insertion(+), 1 deletion(-)
[dhyepate1@Dhyeys-MacBook-Air e2 % git checkout feature/footer
Switched to branch 'feature/footer'
[dhyepate1@Dhyeys-MacBook-Air e2 % echo "<footer>Made by Dhyey Om Hill</footer>" >> index.html
[dhyepate1@Dhyeys-MacBook-Air e2 % git commit -am "Feat:footer commit by Dhyey Om Hill"

[feature/footer 133f321] Feat:footer commit by Dhyey Om Hill
 1 file changed, 1 insertion(+)
dhyepate1@Dhyeys-MacBook-Air e2 % git rebase main

Successfully rebased and updated refs/heads/feature/footer.
dhyepate1@Dhyeys-MacBook-Air e2 % git checkout main

Switched to branch 'main'
dhyepate1@Dhyeys-MacBook-Air e2 % git merge feature/footer

Updating cde8f6f..720ecb4
Fast-forward
 index.html | 1 +
 1 file changed, 1 insertion(+)
dhyepate1@Dhyeys-MacBook-Air e2 % █
```

- **git stash**

```
[dhyepatel1@Dhyeys-MacBook-Air e2 % git branch
  feature/footer
* main
[dhyepatel1@Dhyeys-MacBook-Air e2 % cat index.html
<h1>Our Awesome Git Project</h1><p>This is an important update added to the main branch.</p><link rel=stylesheet href=styles.css>

<footer>Made by Dhyey Om Hill</footer>
[dhyepatel1@Dhyeys-MacBook-Air e2 % echo "hi" >> index.html
[dhyepatel1@Dhyeys-MacBook-Air e2 % cat index.html
<h1>Our Awesome Git Project</h1><p>This is an important update added to the main branch.</p><link rel=stylesheet href=styles.css>

<footer>Made by Dhyey Om Hill</footer>
hi
[dhyepatel1@Dhyeys-MacBook-Air e2 % git stash
Saved working directory and index state WIP on main: 720ecb4 Feat:footer commit by Dhyey Om Hill
[dhyepatel1@Dhyeys-MacBook-Air e2 % git checkout feature/footer
Switched to branch 'feature/footer'
[dhyepatel1@Dhyeys-MacBook-Air e2 % cat.index.html
zsh: command not found: cat.index.html
[dhyepatel1@Dhyeys-MacBook-Air e2 % cat index.html
<h1>Our Awesome Git Project</h1><p>This is an important update added to the main branch.</p><link rel=stylesheet href=styles.css>

<footer>Made by Dhyey Om Hill</footer>
<h1>Our Awesome Git Project</h1><p>This is an important update added to the main branch.</p><link rel=stylesheet href=styles.css>

<footer>Made by Dhyey Om Hill</footer>
bye
[dhyepatel1@Dhyeys-MacBook-Air e2 % git commit -am "footer committ by Dhyey Om Hil"
[feature/footer 740d5be] footer committ by Dhyey Om Hil
 1 file changed, 1 insertion(+)
[dhyepatel1@Dhyeys-MacBook-Air e2 % git checkout main
Switched to branch 'main'
[dhyepatel1@Dhyeys-MacBook-Air e2 % cat index.html
<h1>Our Awesome Git Project</h1><p>This is an important update added to the main branch.</p><link rel=stylesheet href=styles.css>

<footer>Made by Dhyey Om Hill</footer>
[dhyepatel1@Dhyeys-MacBook-Air e2 % git stash pop
On branch main
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:   index.html

no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stash@{0} (3594d3c802c6e554c845661a87320ce6e33aaa8b)
[dhyepatel1@Dhyeys-MacBook-Air e2 % cat index.html
<h1>Our Awesome Git Project</h1><p>This is an important update added to the main branch.</p><link rel=stylesheet href=styles.css>

<footer>Made by Dhyey Om Hill</footer>
hi
dhyepatel1@Dhyeys-MacBook-Air e2 % ]
```

- **git log and blame**

```
dhyeypatel@Dhyeys-MacBook-Air e2 % git log --oneline --graph --decorate  
* 720ecb4 (HEAD -> main) Feat:footer commit by Dhyey Om Hill  
* cde8f6f Feat:important update to main by dhyey om hill  
* dd0b25a Fix: Add missing newline  
* 5e434ee Initial commit  
dhyeypatel@Dhyeys-MacBook-Air e2 % git log  
  
commit 720ecb43e8b69171752c06ebf56b59a8e98180df (HEAD -> main)  
Author: Dhyey Patel <dhyeypatel2907@gmail.com>  
Date: Sun Aug 10 13:20:26 2025 +0530  
  
    Feat:footer commit by Dhyey Om Hill  
  
commit cde8f6fb66bda8b7559d44dcbb004690b19c97242  
Author: Dhyey Patel <dhyeypatel2907@gmail.com>  
Date: Sun Aug 10 13:19:06 2025 +0530  
  
    Feat:important update to main by dhyey om hill  
  
commit dd0b25a2a3f992d27c24d8478b0c101fc8bd3b1e  
Author: Dhyey Patel <dhyeypatel2907@gmail.com>  
Date: Sun Aug 10 13:17:50 2025 +0530  
  
    Fix: Add missing newline  
  
commit 5e434ee1a73cbfb9f7792a150587a2ac34464e7b  
Author: Dhyey Patel <dhyeypatel2907@gmail.com>  
Date: Sun Aug 10 13:17:33 2025 +0530  
  
    Initial commit
```

```
dhyeypatel@Dhyeys-MacBook-Air e2 % git blame index.html  
cde8f6fb (Dhyey Patel 2025-08-10 13:19:06 +0530 1) <h1>Our Awesome Git Project</h1><p>This is an important update added to the main branch.</p><link rel=stylesheet href=styles.css>  
dd0b25a2 (Dhyey Patel 2025-08-10 13:17:50 +0530 2)  
720ecb43 (Dhyey Patel 2025-08-10 13:20:26 +0530 3) <footer>Made by Dhyey Om Hill</footer>  
00000000 (Not Committed Yet 2025-08-10 13:36:05 +0530 4) hi  
dhyeypatel@Dhyeys-MacBook-Air e2 %
```

EXPERIMENT – 3

- **github repo creation**

Create a new repository [Preview](#) [Switch back to classic experience](#)

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).
Required fields are marked with an asterisk (*).

1 General

Owner * Repository name *

dhyey0 / exp2

exp2 is available.

Great repository names are short and memorable. How about [bookish-journey](#)?

Description

0 / 350 characters

2 Configuration

Choose visibility *

Choose who can see and commit to this repository

Private

Add README

READMEs can be used as longer descriptions. [About READMEs](#)

Off

Add .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

No .gitignore

Add license

Licenses explain how others can use your code. [About licenses](#)

No license

Create repository

- **git remote and git psuh**

```
dhyeypatel@Dhyeys-MacBook-Air e2 % git remote add origin https://github.com/dhyey0/exp2.git
git branch -M main
[git push -u origin main

Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (12/12), 1.11 KiB | 1.11 MiB/s, done.
Total 12 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/dhyey0/exp2.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
dhyeypatel@Dhyeys-MacBook-Air e2 %
[dhyeypatel@Dhyeys-MacBook-Air e2 % git remote -v
origin  https://github.com/dhyey0/exp2.git (fetch)
origin  https://github.com/dhyey0/exp2.git (push)
dhyeypatel@Dhyeys-MacBook-Air e2 %
```

```
[dhyeypatel@Dhyeys-MacBook-Air exp2 % git status
On branch main
Your branch is up to date with 'origin/main'.

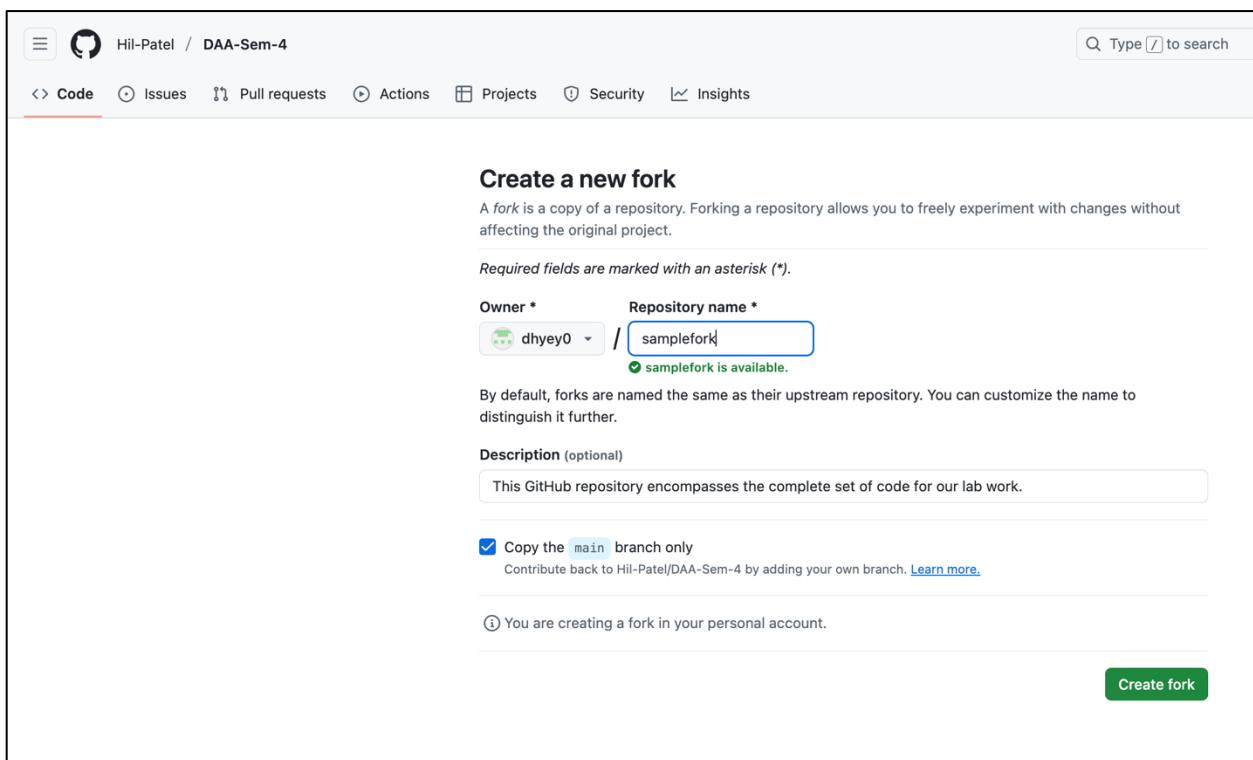
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    new.html

nothing added to commit but untracked files present (use "git add" to track)
[dhyeypatel@Dhyeys-MacBook-Air exp2 % git add .
[dhyeypatel@Dhyeys-MacBook-Air exp2 % git commit -am "new commit by Dhyey Hil Om"
[main 106d268] new commit by Dhyey Hil Om
 1 file changed, 1 insertion(+)
  create mode 100644 new.html
[dhyeypatel@Dhyeys-MacBook-Air exp2 % git push
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), 298 bytes | 298.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/dhyey0/exp2.git
  720ecb4..106d268  main -> main
dhyeypatel@Dhyeys-MacBook-Air exp2 %
```

- **git pull**

```
dhyeypatel@Dhyeys-MacBook-Air e2 % git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 278 bytes | 55.00 KiB/s, done.
From https://github.com/dhyey0/exp2
    720ecb4..106d268  main      -> origin/main
Updating 720ecb4..106d268
Fast-forward
  new.html | 1 +
  1 file changed, 1 insertion(+)
  create mode 100644 new.html
dhyeypatel@Dhyeys-MacBook-Air e2 %
```

- **forking a repo on github**



- **git clone and push**

```
[dhyeypatel@Dhyeys-MacBook-Air devops_e2 % git clone https://github.com/dhyey0/samplefork.git
Cloning into 'samplefork'...
remote: Enumerating objects: 44, done.
remote: Counting objects: 100% (44/44), done.
remote: Compressing objects: 100% (40/40), done.
remote: Total 44 (delta 8), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (44/44), 16.40 KiB | 3.28 MiB/s, done.
Resolving deltas: 100% (8/8), done.
[dhyeypatel@Dhyeys-MacBook-Air devops_e2 % cd samplefork
[dhyeypatel@Dhyeys-MacBook-Air samplefork % echo "sample" >> index.html
[dhyeypatel@Dhyeys-MacBook-Air samplefork % 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)
[dhyeypatel@Dhyeys-MacBook-Air samplefork % git add .
[dhyeypatel@Dhyeys-MacBook-Air samplefork % git commit -m "sample Commit by Dhyey Hil Om"
[main f1ad436] sample Commit by Dhyey Hil Om
 1 file changed, 1 insertion(+)
   create mode 100644 index.html
[dhyeypatel@Dhyeys-MacBook-Air samplefork % git push
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), 298 bytes | 298.00 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.
To https://github.com/dhyey0/samplefork.git
  daf03b..f1ad436  main -> main
[dhyeypatel@Dhyeys-MacBook-Air samplefork % git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
dhyeypatel@Dhyeys-MacBook-Air samplefork % ]
```

dhyey0 / samplefork

Code Pull requests Actions Projects Wiki Security Insights Settings

 **samplefork** Public
forked from [Hil-Patel/DAA-Sem-4](#)

Pin Watch 0

main 1 Branch 0 Tags Go to file Add file Code

This branch is 1 commit ahead of [Hil-Patel/DAA-Sem-4:main](#). Contribute Sync fork

dhyey0 sample Commit by Dhyey Hil Om f1ad436 · 1 minute ago 9 Commits

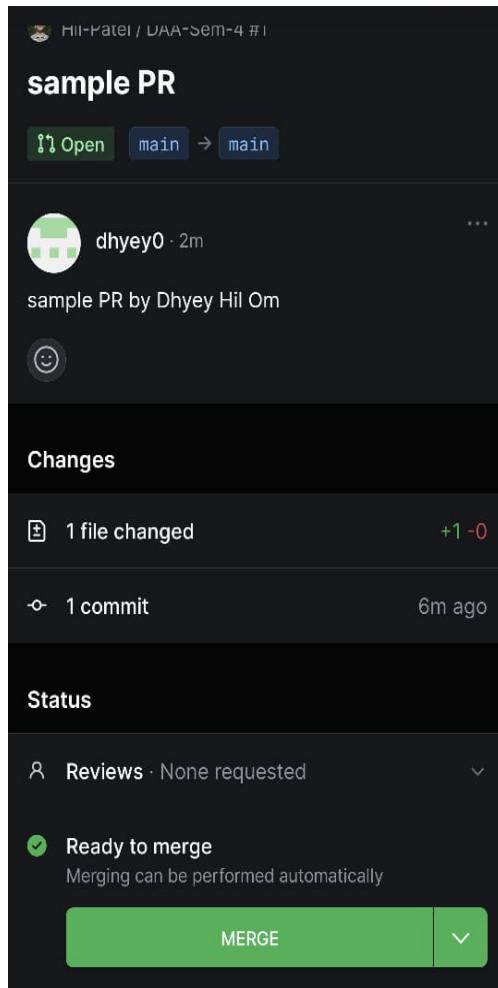
File	Commit Message	Time
exp1	Add files via upload	last year
exp2	Add files via upload	last year
exp3	Add files via upload	last year
exp4	Add files via upload	last year
exp5	Add files via upload	last year
README.md	Update README.md	last year
exp-10.cpp	Update exp-10.cpp	last year
exp-6.cpp	Add files via upload	last year
exp-7.cpp	Add files via upload	last year
exp-8.cpp	Add files via upload	last year
exp-9.cpp	Add files via upload	last year
index.html	sample Commit by Dhyey Hil Om	1 minute ago

- **create pull request**

The screenshot shows the GitHub interface for creating a pull request. At the top, the repository 'Hil-Patel / DAA-Sem-4' is selected. The 'Code' tab is active. Below it, the 'Comparing changes' section allows selecting base and head repositories and branches. A title 'sample PR' is entered in the 'Add a title' field. A description 'sample PR by Dhyey Hil Om' is written in the 'Add a description' text area. The 'Create pull request' button is visible at the bottom right.

The screenshot shows the details of the pull request 'sample PR #1'. It is labeled as 'Open' and shows 'dhyey0' merging 1 commit from 'dhyey0:main' into 'Hil-Patel:main'. The commit message is 'sample Commit by Dhyey Hil Om' with hash 'f1ad436'. The PR has been closed and reopened. A note indicates 'No conflicts with base branch'. An 'Add a comment' section is at the bottom.

- merge pull request



The screenshot shows the history of the pull request. It starts with a 'Merged' status from 'Hil-Patel' merging 1 commit from 'dhyey0:main' into 'Hil-Patel:main' 1 minute ago. Below this, there is a conversation with 'dhyey0' commenting 4 minutes ago. The comment text is 'sample PR by Dhyey Hil Om'. Below the comment, there is a commit from 'dhyey0' with the message 'sample Commit by Dhyey Hil Om' and a commit hash 'f1ad436'. The commit was closed 4 minutes ago. After the close, 'dhyey0' reopened the PR 4 minutes ago. Finally, 'Hil-Patel' merged the commit '977b8ae' into 'Hil-Patel:main' 1 minute ago. A message at the bottom of the PR page states 'Pull request successfully merged and closed'.