

# Module-2: GIT Assignment - 3


You have been asked to:

- Create a git working directory, with the following branches
  - Develop
  - F1
  - f2
- In the master branch, commit main.txt file
- Put develop.txt in develop branch, f1.txt and f2.txt in f1 and f2 respectively
- Push all these branches to github
- On local delete f2 branch
- Delete the same branch on github as well

## Create a new repository


A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


Owner \* Repository name \*

 enhariharan / m2\_a3\_git\_repo ✓

Great repository names are short and memorable. Need inspiration? How about [solid-meme](#)?

Description (optional)

☒  **Public**  
Anyone on the Internet can see this repository. You choose who can commit.

☐  **Private**  
You choose who can see and commit to this repository.

01

Initialize this repository with:

Skip this step if you're importing an existing repository.

☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**  
Choose which files not to track from a list of templates. [Learn more.](#)

☐ **Choose a license**  
A license tells others what they can and can't do with your code. [Learn more.](#)

Create repository

1. Create this repo in GitHub – “m2-a3-git-repo.git”

```

(base) hariharan@hariharan-home-pc:~$ mkdir m2-a3-git-repo/
(base) hariharan@hariharan-home-pc:~$ cd m2-a3-git-repo/
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/hariharan/m2-a3-git-repo/.git/
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git branch -m main
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ touch main.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git add .
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git commit -m "First commit."
[main (root-commit) a49d871] First commit.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 main.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git branch Develop
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git branch F1
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git branch f2
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git checkout Develop
Switched to branch 'Develop'
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ touch develop.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git add .
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git commit -m "Commit develop.txt in branch Develop."
[Develop 48899bd] Commit develop.txt in branch Develop.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 develop.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git checkout F1
Switched to branch 'F1'
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ touch f1.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git add .
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git commit -m "Commit f1.txt in branch F1."
[F1 e2cc3ee] Commit f1.txt in branch F1.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 f1.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git checkout f2
Switched to branch 'f2'
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ touch f2.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git add .
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git commit -m "Commit f2.txt in branch f2."
[f2 86bc916] Commit f2.txt in branch f2.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 f2.txt
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git remote add origin git@github.com:enharisharan/m2-a3-git-repo.git
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git push --all -u origin
Enumerating objects: 9, done.

```

02

```

(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git push --all -u origin
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 16 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 760 bytes | 380.00 KiB/s, done.
Total 9 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To github.com:enharisharan/m2-a3-git-repo.git
 * [new branch]      Develop -> Develop
 * [new branch]      F1 -> F1
 * [new branch]      f2 -> f2
 * [new branch]      main -> main
Branch 'Develop' set up to track remote branch 'Develop' from 'origin'.
Branch 'F1' set up to track remote branch 'F1' from 'origin'.
Branch 'f2' set up to track remote branch 'f2' from 'origin'.
Branch 'main' set up to track remote branch 'main' from 'origin'.
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git branch --delete f2
warning: deleting branch 'f2' that has been merged to
         'refs/remotes/origin/f2', but not yet merged to HEAD.
Deleted branch f2 (was 86bc916).
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$ git push origin -d f2
To github.com:enharisharan/m2-a3-git-repo.git
 - [deleted]          f2
(base) hariharan@hariharan-home-pc:~/m2-a3-git-repo$

```

03

2 and 3. Execute the commands in order to achieve the outcomes of this assignment.

enhariharan / m2-a3-git-repo Public

<> Code Issues Pull requests Actions Projects

Overview Yours Active Stale All branches

**Default branch**

main Updated 12 minutes ago by enhariharan

**Your branches**

Deve1op Updated 11 minutes ago by enhariharan

F1 Updated 10 minutes ago by enhariharan

**Active branches**

F1 Updated 10 minutes ago by enhariharan

Deve1op Updated 11 minutes ago by enhariharan

04

4. Got to Github to verify that the branch "f2" is deleted while other branches "Develop" and "F1" are intact.