

## Module-2: GIT Assignment - 3

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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
-

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## Quick setup — if you've done this kind of thing before

or    

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).


## ...or create a new repository on the command line

```
echo "# assignment3" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/sachindevp/assignment3.git
git push -u origin main
```



## ...or push an existing repository from the command line

```
git remote add origin https://github.com/sachindevp/assignment3.git
```



```
[root@ip-172-31-49-109 ~]# cd assignment3
[root@ip-172-31-49-109 assignment3]# ll
total 0
[root@ip-172-31-49-109 assignment3]# 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 /root/assignment3/.git/
[root@ip-172-31-49-109 assignment3]# touch main.txt
[root@ip-172-31-49-109 assignment3]# ll
total 0
-rw-r--r-- 1 root root 0 Jan 24 19:11 main.txt
[root@ip-172-31-49-109 assignment3]# git add .
[root@ip-172-31-49-109 assignment3]# git commit -m "committing main.txt from master"
[master (root-commit) cbb4442] committing main.txt from master
Committer: root <root@ip-172-31-49-109.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
```

i-0366e9cc1da30ca68 (Git-assignment)

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```
hint: git branch -m <name>
Initialized empty Git repository in /root/assignment3/.git/
[root@ip-172-31-49-109 assignment3]# touch main.txt
[root@ip-172-31-49-109 assignment3]# ll
total 0
-rw-r--r-- 1 root root 0 Jan 24 19:11 main.txt
[root@ip-172-31-49-109 assignment3]# git add .
[root@ip-172-31-49-109 assignment3]# git commit -m "committing main.txt from master"
[master (root-commit) cbb4442] committing main.txt from master
Committer: root <root@ip-172-31-49-109.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 main.txt
[root@ip-172-31-49-109 assignment3]#
```

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```
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin master

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

[root@ip-172-31-49-109 assignment3]# git push --all origin -u
Username for 'https://github.com': sachindevop
Password for 'https://sachindevop@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 227 bytes | 227.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sachindevop/assignment3.git
 * [new branch]      develop -> develop
 * [new branch]      f1 -> f1
 * [new branch]      f2 -> f2
 * [new branch]      master -> master
branch 'develop' set up to track 'origin/develop'.
branch 'f1' set up to track 'origin/f1'.
branch 'f2' set up to track 'origin/f2'.
branch 'master' set up to track 'origin/master'.
[root@ip-172-31-49-109 assignment3]#
```

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develop 4 branches 0 tags

Go to file Add file <> Code

Switch branches/tags

Find or create a branch...

Branches Tags

✓ develop default

f1

f2

master

View all branches

ected

tion, or require status checks before merging. [Learn more](#)

Protect this branch

cbb4442 6 minutes ago 1 commit

committing main.txt from master

6 minutes ago

stand your project by adding a README.

Add a README

## About

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```
branch 'f2' set up to track 'origin/f2'.
branch 'master' set up to track 'origin/master'.
[root@ip-172-31-49-109 assignment3]# 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)
        develop.txt
        f1
        f2

nothing added to commit but untracked files present (use "git add" to track)
[root@ip-172-31-49-109 assignment3]# git add .
[root@ip-172-31-49-109 assignment3]# git commit -m "adding all the files"
[master 9c3091b] adding all the files
Committer: root <root@ip-172-31-49-109.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit
```

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```
f1
f2

nothing added to commit but untracked files present (use "git add" to track)
[root@ip-172-31-49-109 assignment3]# git add .
[root@ip-172-31-49-109 assignment3]# git commit -m "adding all the files"
[master 9c3091b] adding all the files
Committer: root <root@ip-172-31-49-109.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 develop.txt
create mode 100644 f1
create mode 100644 f2
[root@ip-172-31-49-109 assignment3]#
```

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You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 develop.txt
create mode 100644 f1
create mode 100644 f2
[root@ip-172-31-49-109 assignment3]# git push
Username for 'https://github.com': sachindevp
Password for 'https://sachindevp@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 263 bytes | 263.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sachindevp/assignment3.git
   cbb4442..9c3091b  master -> master
[root@ip-172-31-49-109 assignment3]#
```

i-0366e9cc1da30ca68 (Git-assignment)

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🔗 master had recent pushes 1 minute ago

Compare & pull request

🔗 master 4 branches 0 tags

Go to file

Add file

<> Code

This branch is 1 commit ahead of develop.

🔗 Contribute

root adding all the files

9c3091b 1 minute ago 2 commits

develop.txt	adding all the files	1 minute ago
f1	adding all the files	1 minute ago
f2	adding all the files	1 minute ago
main.txt	committing main.txt from master	8 minutes ago

Help people interested in this repository understand your project by adding a README.

Add a README

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Q Search branches...

Overview

Yours

Active

Stale

All branches

New branch

Default branch

develop Updated 10 minutes ago by root Default

Your develop branch isn't protected

Protect this branch from force pushing or deletion, or require status checks before merging. [Learn more](#)

Dismiss Protect this branch

Your branches			
master	Updated 3 minutes ago by root	0   1	New pull request Delete f2
f2	Updated 10 minutes ago by root	0   0	New pull request
f1	Updated 10 minutes ago by root	0   0	New pull request

Active branches			
master	Updated 3 minutes ago by root	0   1	New pull request

Search branches...

Overview Yours Active Stale All branches New branch

Default branch

develop Updated 10 minutes ago by root Default

Your develop branch isn't protected

Protect this branch from force pushing or deletion, or require status checks before merging. Learn more

Dismiss Protect this branch

Your branches

master Updated 3 minutes ago by root	0   1	New pull request
f2 Deleted just now by sachindevp		Restore
f1 Updated 10 minutes ago by root	0   0	New pull request

Active branches

master Updated 3 minutes ago by root	0   1	New pull request
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🔑 master had recent pushes 3 minutes ago

Compare & pull request

🔑 develop 3 branches 0 tags

Go to file

Add file

<> Code

Switch branches/tags

Find or create a branch...

Branches

Tags

✓ develop

default

f1

master

View all branches

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cbb4442 11 minutes ago 1 commit

committing main.txt from master

11 minutes ago

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Add a README

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