

## **Module 2: Git Assignment - 3**

### **Tasks To Be Performed:**

**1. Create a Git working directory, with the following branches:**

● **Develop**

● **F1**

● **f2**

**2. In the master branch, commit main.txt file**

**3. Put develop.txt in develop branch, f1.txt and f2.txt in f1 and f2 respectively**

**4. Push all these branches to GitHub**

**5. On local delete f2 branch**

**6. Delete the same branch on GitHub as well**

### **ANSWERS:**

**1. Create a Git working directory, with the following branches:**

● **Develop**

● **F1**

● **f2**

**2. In the master branch, commit main.txt file**

```
How would you rate your experience with this service console? ☆ ☆ ☆ ☆ ☆
AWS Services Search [Alt+S] Mumbai VaishnaviGothar
ubuntu@ip-172-31-2-197:~$ mkdir Assignment3
ubuntu@ip-172-31-2-197:~$ cd Assignment3
ubuntu@ip-172-31-2-197:/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 /home/ubuntu/Assignment3/.git/
ubuntu@ip-172-31-2-197:/Assignment3$ git branch develop
fatal: Not a valid object name: 'master'.
ubuntu@ip-172-31-2-197:/Assignment3$ git branch
ubuntu@ip-172-31-2-197:/Assignment3$ touch main.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git add main.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git commit -m "committing main.txt"
[master (root-commit) fe25716] committing main.txt
Committer: Ubuntu <ubuntu@ip-172-31-2-197.ap-south-1.compute.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
```

```
ubuntu@ip-172-31-2-197:/Assignment3$ git branch
* master
ubuntu@ip-172-31-2-197:/Assignment3$ git branch Develop
ubuntu@ip-172-31-2-197:/Assignment3$ git branch f1
ubuntu@ip-172-31-2-197:/Assignment3$ git branch f2
```

```
ubuntu@ip-172-31-2-197:/Assignment3$ git branch f2
ubuntu@ip-172-31-2-197:/Assignment3$ git checkout Develop
Switched to branch 'Develop'
ubuntu@ip-172-31-2-197:/Assignment3$ touch develop.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git add .
ubuntu@ip-172-31-2-197:/Assignment3$ git commit -m "committing develop.txt file"
[Develop e746eb5] committing develop.txt file
Committer: Ubuntu <ubuntu@ip-172-31-2-197.ap-south-1.compute.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
```

```
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create mode 100644 develop.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git checkout f1
Switched to branch 'f1'
ubuntu@ip-172-31-2-197:/Assignment3$ touch f1.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git add .
ubuntu@ip-172-31-2-197:/Assignment3$ git commit -m "committing f1.txt"
[f1 cb80435] committing f1.txt
Committer: Ubuntu <ubuntu@ip-172-31-2-197.ap-south-1.compute.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 f1.txt
```

```
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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 f1.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git checkout f2
Switched to branch 'f2'
ubuntu@ip-172-31-2-197:/Assignment3$ touch f2.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git add .
ubuntu@ip-172-31-2-197:/Assignment3$ git commit -m "committing f2.txt"
[f2 33d2579] committing f2.txt
Committer: Ubuntu <ubuntu@ip-172-31-2-197.ap-south-1.compute.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 f2.txt
ubuntu@ip-172-31-2-197:/Assignment3$ git branch
  Develop
* f2
  master
ubuntu@ip-172-31-2-197:/Assignment3$
```

## 4. Push all these branches to GitHub

The screenshot shows the GitHub repository page for 'Vaishnavi-Golhar / Git33'. The 'Branches' tab is selected, showing a list of branches. The 'main' branch is the default. Under 'Your branches', there are three branches: 'f2', 'develop', and 'f1'. Each branch shows its update time, check status, and a pull request link. A 'New branch' button is visible in the top right corner.

Branch	Updated	Check status	Behind / Ahead	Pull request
main	1 minute ago		Default	

  

Branch	Updated	Check status	Behind / Ahead	Pull request
f2	1 minute ago		3 / 0	
develop	13 minutes ago		4 / 1	
f1	13 minutes ago		4 / 1	

## 5. On local delete f2 branch

```
ubuntu@ip-172-31-12-27:~/Assignment3$ git branch -D f2
Deleted branch f2 (was 5e31672).
```

## 6. Delete the same branch on GitHub as well

```
ubuntu@ip-172-31-12-27:~/Assignment3$ git push origin --delete f2
Username for 'https://github.com': Vaishnavi-Golhar
Password for 'https://Vaishnavi-Golhar@github.com':
to https://github.com:Vaishnavi-Golhar/Git33.git
- [deleted] f2
ubuntu@ip-172-31-12-27:~/Assignment3$ history
```

The screenshot shows the GitHub repository page for 'Vaishnavi-Golhar / Git33' after deleting the 'f2' branch. The 'Branches' tab is selected, showing a list of branches. The 'main' branch is the default. Under 'Your branches', there are two branches: 'develop' and 'f1'. Each branch shows its update time, check status, and a pull request link. A 'New branch' button is visible in the top right corner.

Branch	Updated	Check status	Behind / Ahead	Pull request
main	8 minutes ago		Default	

  

Branch	Updated	Check status	Behind / Ahead	Pull request
develop	21 minutes ago		4 / 1	
f1	21 minutes ago		4 / 1	

