Module-2: GIT Assignment - 2

Do the following tasks:

- Create a git working directory with feature1.txt and feature2.txt in the master branch
- Create 3 branches develop, feature1 and feature2
- In develop branch create develop.txt, do not stage or commit it
- Stash this file, and checkout to feature1 branch
- Create new.txt file in feature1 branch, stage and commit this file
- Checkout to develop, unstash this file and commit

Please submit all the git commands used to do the above steps

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

or | HTTPS | SSH | `https://github.com/sachindevop/assignment2.git`   📋

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 "# assignment2" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/sachindevop/assignment2.git
git push -u origin main
```

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

```
git remote add origin https://github.com/sachindevop/assignment2.git
```

```
[root@ip-172-31-49-109 ~]# ls
assginment1   assignment2
[root@ip-172-31-49-109 ~]# cd assignment2
[root@ip-172-31-49-109 assignment2]# 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/assignment2/.git/
[root@ip-172-31-49-109 assignment2]# touch feature1.txt feature2.txt
[root@ip-172-31-49-109 assignment2]# git branch feature1
fatal: not a valid object name: 'master'
[root@ip-172-31-49-109 assignment2]# git branch
[root@ip-172-31-49-109 assignment2]# git branch -m master
[root@ip-172-31-49-109 assignment2]# git branch
[root@ip-172-31-49-109 assignment2]# git branch -a
[root@ip-172-31-49-109 assignment2]# ls
feature1.txt   feature2.txt
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)   ✕

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```
[root@ip-172-31-49-109 assignment2]#
[root@ip-172-31-49-109 assignment2]#
[root@ip-172-31-49-109 assignment2]#
[root@ip-172-31-49-109 assignment2]# git branch -M master
[root@ip-172-31-49-109 assignment2]# git remote add origin https://github.com/sachindevop/assignment2.git
[root@ip-172-31-49-109 assignment2]# git add .
[root@ip-172-31-49-109 assignment2]# git commit -m "first commit from master"
[master (root-commit) 73e4d02] first commit 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

 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature1.txt
 create mode 100644 feature2.txt
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)   ✕

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

2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature1.txt
 create mode 100644 feature2.txt
[root@ip-172-31-49-109 assignment2]# git branch
* master
[root@ip-172-31-49-109 assignment2]# git branch feature
[root@ip-172-31-49-109 assignment2]# git branch feature1
[root@ip-172-31-49-109 assignment2]# git branch feature2
[root@ip-172-31-49-109 assignment2]# git branch develop
[root@ip-172-31-49-109 assignment2]# git branch
  develop
  feature
  feature1
  feature2
* master
[root@ip-172-31-49-109 assignment2]# git branch -D feature
Deleted branch feature (was 73e4d02).
[root@ip-172-31-49-109 assignment2]# git branch
  develop
  feature1
  feature2
* master
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)

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```
[root@ip-172-31-49-109 assignment2]# git branch
* master
[root@ip-172-31-49-109 assignment2]# git branch feature
[root@ip-172-31-49-109 assignment2]# git branch feature1
[root@ip-172-31-49-109 assignment2]# git branch feature2
[root@ip-172-31-49-109 assignment2]# git branch develop
[root@ip-172-31-49-109 assignment2]# git branch
  develop
  feature
  feature1
  feature2
* master
[root@ip-172-31-49-109 assignment2]# git branch -D feature
Deleted branch feature (was 73e4d02).
[root@ip-172-31-49-109 assignment2]# git branch
  develop
  feature1
  feature2
* master
[root@ip-172-31-49-109 assignment2]# git checkout develop
Switched to branch 'develop'
[root@ip-172-31-49-109 assignment2]# touch develop.txt
[root@ip-172-31-49-109 assignment2]# ls
develop.txt   feature1.txt   feature2.txt
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)   ✕

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```
* master
[root@ip-172-31-49-109 assignment2]# git checkout develop
Switched to branch 'develop'
[root@ip-172-31-49-109 assignment2]# touch develop.txt
[root@ip-172-31-49-109 assignment2]# ls
develop.txt   feature1.txt   feature2.txt
[root@ip-172-31-49-109 assignment2]# git stash
No local changes to save
[root@ip-172-31-49-109 assignment2]# ls
develop.txt   feature1.txt   feature2.txt
[root@ip-172-31-49-109 assignment2]# git stash -a
Saved working directory and index state WIP on develop: 73e4d02 first commit from master
[root@ip-172-31-49-109 assignment2]# ls
feature1.txt   feature2.txt
[root@ip-172-31-49-109 assignment2]# git checkout feature1
Switched to branch 'feature1'
[root@ip-172-31-49-109 assignment2]# git branch
  develop
* feature1
  feature2
  master
[root@ip-172-31-49-109 assignment2]# touch new.txt
[root@ip-172-31-49-109 assignment2]# ls
feature1.txt   feature2.txt   new.txt
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)

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```
feature1.txt   feature2.txt   new.txt
[root@ip-172-31-49-109 assignment2]# git add .
[root@ip-172-31-49-109 assignment2]# ll
total 0
-rw-r--r-- 1 root root 0 Jan 24 18:46 feature1.txt
-rw-r--r-- 1 root root 0 Jan 24 18:46 feature2.txt
-rw-r--r-- 1 root root 0 Jan 24 18:59 new.txt
[root@ip-172-31-49-109 assignment2]# git commit -m "commited new.txt"
[feature1 2c14e10] commited new.txt
 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 new.txt
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)   ✕

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```
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 new.txt
[root@ip-172-31-49-109 assignment2]# git checkout develop
Switched to branch 'develop'
[root@ip-172-31-49-109 assignment2]# git stash pop
Already up to date.
On branch develop
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        develop.txt

nothing added to commit but untracked files present (use "git add" to track)
Dropped refs/stash@{0} (35c366901881d5817f6127773b31a4c30fc68551)
[root@ip-172-31-49-109 assignment2]# ll
total 0
-rw-r--r-- 1 root root 0 Jan 24 19:01 develop.txt
-rw-r--r-- 1 root root 0 Jan 24 18:46 feature1.txt
-rw-r--r-- 1 root root 0 Jan 24 18:46 feature2.txt
[root@ip-172-31-49-109 assignment2]# git add .
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)

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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

 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 develop.txt
[root@ip-172-31-49-109 assignment2]# git push -u origin master
Username for 'https://github.com': sachindevop
Password for 'https://sachindevop@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 234 bytes | 234.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sachindevop/assignment2.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
[root@ip-172-31-49-109 assignment2]#
[root@ip-172-31-49-109 assignment2]#
```

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```
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'develop' on GitHub by visiting:
remote:      https://github.com/sachindevop/assignment2/pull/new/develop
remote:
To https://github.com/sachindevop/assignment2.git
 * [new branch]      develop -> develop
branch 'develop' set up to track 'origin/develop'.
[root@ip-172-31-49-109 assignment2]# git push -u origin feature1
Username for 'https://github.com': sachindevop
Password for 'https://sachindevop@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 240 bytes | 240.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'feature1' on GitHub by visiting:
remote:      https://github.com/sachindevop/assignment2/pull/new/feature1
remote:
To https://github.com/sachindevop/assignment2.git
 * [new branch]      feature1 -> feature1
branch 'feature1' set up to track 'origin/feature1'.
[root@ip-172-31-49-109 assignment2]#
```

i-0366e9cc1da30ca68 (Git-assignment)

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⑂ **develop** had recent pushes 1 minute ago   **Compare & pull request**

⑂ **feature1** had recent pushes less than a minute ago   **Compare & pull request**

⑂ master ▾   ⑂ **3** branches   ◇ **0** tags   Go to file   Add file ▾   <> Code ▾

⑂ **Your master branch isn't protected**   Protect this branch   ✕
Protect this branch from force pushing or deletion, or require status checks before merging. Learn more

root first commit from master   73e4d02 14 minutes ago   ⏱ **1** commit

📄 feature1.txt   first commit from master   14 minutes ago

📄 feature2.txt   first commit from master   14 minutes ago

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this is git assignment 2 from intellipaat

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committing the develop branch #1

[Edit]   [<> Code ▾]

⑂ Merged   **sachindevop** merged 1 commit into `master` from `develop` ⧉ now

---

💬 Conversation 0   -⊙- Commits 1   🗐 Checks 0   📤 Files changed 1

+0 -0 ▢▢▢▢▢▢

sachindevop commented now   [Owner] ☺ •••

No description provided.

-⊙-   committing the develop branch   b569a4b

⑂ **sachindevop** merged commit **b9fa69e** into `master` now   [Revert]

⑂ **Pull request successfully merged and closed**   [Delete branch]

You're all set—the `develop` branch can be safely deleted.

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