Module 2: Git Assignment -2

Tasks To Be Performed:

1. Create a Git working directory with feature1.txt and feature2.txt in the master branch

2. Create 3 branches develop, feature1 and feature2

3. In develop branch create develop.txt, do not stage or commit it

4. Stash this file and check out to feature1 branch

5. Create new.txt file in feature1 branch, stage and commit this file

6. Checkout to develop, unstash this file and commit

7. Please submit all the Git commands used to do the

Answers:

1. Create a Git working directory with feature1.txt and feature2.txt in the master branch

```
ubuntu@ip-172-31-46-211:~$ mkdir Assignment2
ubuntu@ip-172-31-46-211:~$ cd Assignment2
ubuntu@ip-172-31-46-211:~/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 /home/ubuntu/Assignment2/.git/
ubuntu@ip-172-31-46-211:~/Assignment2$ touch feature1.txt feature2.txt
ubuntu@ip-172-31-46-211:~/Assignment2$ ls
feature1.txt  feature2.txt
ubuntu@ip-172-31-46-211:~/Assignment2$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        feature1.txt
        feature2.txt

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-46-211:~/Assignment2$ git add .
ubuntu@ip-172-31-46-211:~/Assignment2$ git status
```

```
ubuntu@ip-172-31-46-211:~/Assignment2$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        feature1.txt
        feature2.txt

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-46-211:~/Assignment2$ git add .
ubuntu@ip-172-31-46-211:~/Assignment2$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   feature1.txt
        new file:   feature2.txt

ubuntu@ip-172-31-46-211:~/Assignment2$ git commit -m"my commit 2"
[master (root-commit) c5aee0e] my commit 2
 Committer: Ubuntu <ubuntu@ip-172-31-46-211.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
```

2. Create 3 branches develop, feature1 and feature2

```
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   feature1.txt
        new file:   feature2.txt

ubuntu@ip-172-31-46-211:~/Assignment2$ git commit -m"my commit 2"
[master (root-commit) c5aee0e] my commit 2
 Committer: Ubuntu <ubuntu@ip-172-31-46-211.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

 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature1.txt
 create mode 100644 feature2.txt
ubuntu@ip-172-31-46-211:~/Assignment2$ git branch develop
ubuntu@ip-172-31-46-211:~/Assignment2$ git branch feature1
ubuntu@ip-172-31-46-211:~/Assignment2$ git branch feature2
ubuntu@ip-172-31-46-211:~/Assignment2$ git branch
  develop
  feature1
  feature2
* master
```

3. In develop branch create develop.txt, do not stage or commit it

```
  feature2
* master
ubuntu@ip-172-31-46-211:~/Assignment2$ git checkout devlop
error: pathspec 'devlop' did not match any file(s) known to git
ubuntu@ip-172-31-46-211:~/Assignment2$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-46-211:~/Assignment2$ touch develop.txt
ubuntu@ip-172-31-46-211:~/Assignment2$ git stash -u
```

4. Stash this file and check out to feature1 branch

5. Create new.txt file in feature1 branch, stage and commit this file

6. Checkout to develop, unstash this file and commit

7. Please submit all the Git commands used to do the

ubuntu@ip-172-31-46-211:~/Assignment2$ history
    1 sudo apt update
    2 mkdir Assignment2
    3 cd Assignment2
    4 git init
    5 touch feature1.txt feature2.txt
    6 ls
    7 git status
    8 git add .
    9 git status
   10 git commit -m"my commit 2"
   11 git branch develop
   12 git branch feature1
   13 git branch feature2
   14 git branch
   15 git checkout devlop
   16 git checkout develop
   17 touch develop.txt
   18 git stash -u
   19 git checkout feature1
   20 touch new.txt
   21 add new.txt
   22 git add new.txt
   23 git commit -m"commiting file in feature branch"
   24 git status
   25 git checkout develop
   26 git stash pop
   27 git add develop.txt
   28 git commit -m "commiting develop.txt"
   29 git status
   30 history
ubuntu@ip-172-31-46-211:~/Assignment2$