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 above steps

```
5 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable


Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status



Last login: Mon Jul 15 12:05:01 2024 from 18.206.107.29
ubuntu@ip-172-31-18-118:~$ mkdir assignment2
ubuntu@ip-172-31-18-118:~$ cd assignment2
ubuntu@ip-172-31-18-118:~/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-172-31-18-118:~/assignment2$ []
```

i-0fe455c43e74fdf9f (Git)   X

PublicIPs: 54.196.203.201   PrivateIPs: 172.31.18.118

```
ubuntu@ip-172-31-18-118:~/assignment2$ touch feature2.txt
ubuntu@ip-172-31-18-118:~/assignment2$ git add . && git commit m "master done"
error: pathspec 'm' did not match any file(s) known to git
error: pathspec 'master done' did not match any file(s) known to git
ubuntu@ip-172-31-18-118:~/assignment2$ git add . && git commit -m "master done"
[master (root-commit) b7b2079] master done
 Committer: Ubuntu <ubuntu@ip-172-31-18-118.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
ubuntu@ip-172-31-18-118:~/assignment2$
```

i-0fe455c43e74fdf9f (Git)

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Created 2 files and committed them on the master branch

```
error: pathspec 'm' did not match any file(s) known to git
error: pathspec 'master done' did not match any file(s) known to git
ubuntu@ip-172-31-18-118:~/assignment2$ git add . && git commit -m "master done"
[master (root-commit) b7b2079] master done
 Committer: Ubuntu <ubuntu@ip-172-31-18-118.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
ubuntu@ip-172-31-18-118:~/assignment2$ git branch
* master
ubuntu@ip-172-31-18-118:~/assignment2$
```

i-0fe455c43e74fdf9f (Git)

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Master branch created

```
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-172-31-18-118:~/assignment2$ git branch
* master
ubuntu@ip-172-31-18-118:~/assignment2$ git branch develop
ubuntu@ip-172-31-18-118:~/assignment2$ git branch feature1
ubuntu@ip-172-31-18-118:~/assignment2$ git branch feature2
ubuntu@ip-172-31-18-118:~/assignment2$ git branch
  develop
  feature1
  feature2
* master
ubuntu@ip-172-31-18-118:~/assignment2$
```

i-0fe455c43e74fdf9f (Git)

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Created 3 branches

```
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 feature1.txt
create mode 100644 feature2.txt
ubuntu@ip-172-31-18-118:~/assignment2$ git branch
* master
ubuntu@ip-172-31-18-118:~/assignment2$ git branch develop
ubuntu@ip-172-31-18-118:~/assignment2$ git branch feature1
ubuntu@ip-172-31-18-118:~/assignment2$ git branch feature2
ubuntu@ip-172-31-18-118:~/assignment2$ git branch
  develop
  feature1
  feature2
* master
ubuntu@ip-172-31-18-118:~/assignment2$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-18-118:~/assignment2$ git branch
* develop
  feature1
  feature2
  master
ubuntu@ip-172-31-18-118:~/assignment2$ touch develop.txt
ubuntu@ip-172-31-18-118:~/assignment2$
```

i-0fe455c43e74fdf9f (Git)

X

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Creating Develop.txt on Develop branch

```
feature1
feature2
master
ubuntu@ip-172-31-18-118:~/assignment2$ touch develop.txt
ubuntu@ip-172-31-18-118:~/assignment2$ ls
develop.txt  feature1.txt  feature2.txt
ubuntu@ip-172-31-18-118:~/assignment2$ git status
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)
ubuntu@ip-172-31-18-118:~/assignment2$ git stash -u
Saved working directory and index state WIP on develop: b7b2079 master done
ubuntu@ip-172-31-18-118:~/assignment2$ git status
On branch develop
nothing to commit, working tree clean
ubuntu@ip-172-31-18-118:~/assignment2$ ls
feature1.txt  feature2.txt
ubuntu@ip-172-31-18-118:~/assignment2$ git checkout feature1
Switched to branch 'feature1'
ubuntu@ip-172-31-18-118:~/assignment2$ 
```

i-0fe455c43e74fdf9f (Git)

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Stashing develop.txt and checking out to feature1

```
ubuntu@ip-172-31-18-118:~/assignment2$ git checkout feature1
Switched to branch 'feature1'
ubuntu@ip-172-31-18-118:~/assignment2$ touch new.txt
ubuntu@ip-172-31-18-118:~/assignment2$ git add . && commit -m "done"
commit: command not found
ubuntu@ip-172-31-18-118:~/assignment2$ git add . && git commit -m "done"
[feature1 9835068] done
 Committer: Ubuntu <ubuntu@ip-172-31-18-118.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
ubuntu@ip-172-31-18-118:~/assignment2$
```

i-0fe455c43e74fdf9f (Git)

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Creating new.txt in feature1,staging and committing

```
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
ubuntu@ip-172-31-18-118:~/assignment2$ git checkout develop
Switched to branch 'develop'
ubuntu@ip-172-31-18-118:~/assignment2$ ls
feature1.txt  feature2.txt
ubuntu@ip-172-31-18-118:~/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} (541ea99f2a0fbbcfd353e82ba3d562c4b45480e0)
ubuntu@ip-172-31-18-118:~/assignment2$ ls
develop.txt  feature1.txt  feature2.txt
ubuntu@ip-172-31-18-118:~/assignment2$ 
```

i-0fe455c43e74fdf9f (Git)

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Checking out to develop, unstashing file and committing it

```
nothing added to commit but untracked files present (use "git add" to track)
Dropped refs/stash@{0} (541ea99f2a0fbbcfd353e82ba3d562c4b45480e0)
ubuntu@ip-172-31-18-118:~/assignment2$ ls
develop.txt  feature1.txt  feature2.txt
ubuntu@ip-172-31-18-118:~/assignment2$ git add . && git commit -m "done"
[develop 43c7d7b] done
 Committer: Ubuntu <ubuntu@ip-172-31-18-118.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 develop.txt
ubuntu@ip-172-31-18-118:~/assignment2$
```

i-0fe455c43e74fdf9f (Git)

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Committing the file

COMMANDS

mkdir assignment2

cd assignment2

git init

touch feature1.txt

touch feature2.txt

git add . && git commit -m "master done"

git branch

git branch develop

git branch feature1

git branch feature2

git branch

git checkout develop

git branch

touch develop.txt

ls

git status

git stash -u

git status

ls

COMMAND CONTINUES

git checkout feature1
touch new.txt
git add . && git commit -m "done"
git checkout develop
ls
git stash pop
ls
git add . && git commit -m "done"

Task Done