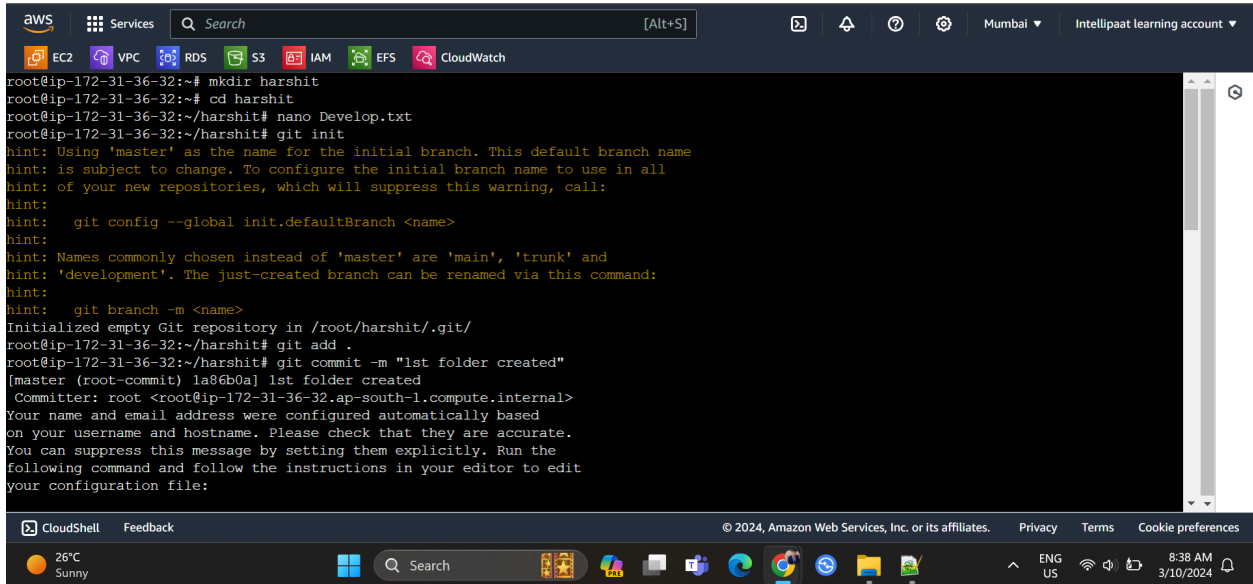


Module-2: GIT Assignment - 5

You have been asked to:

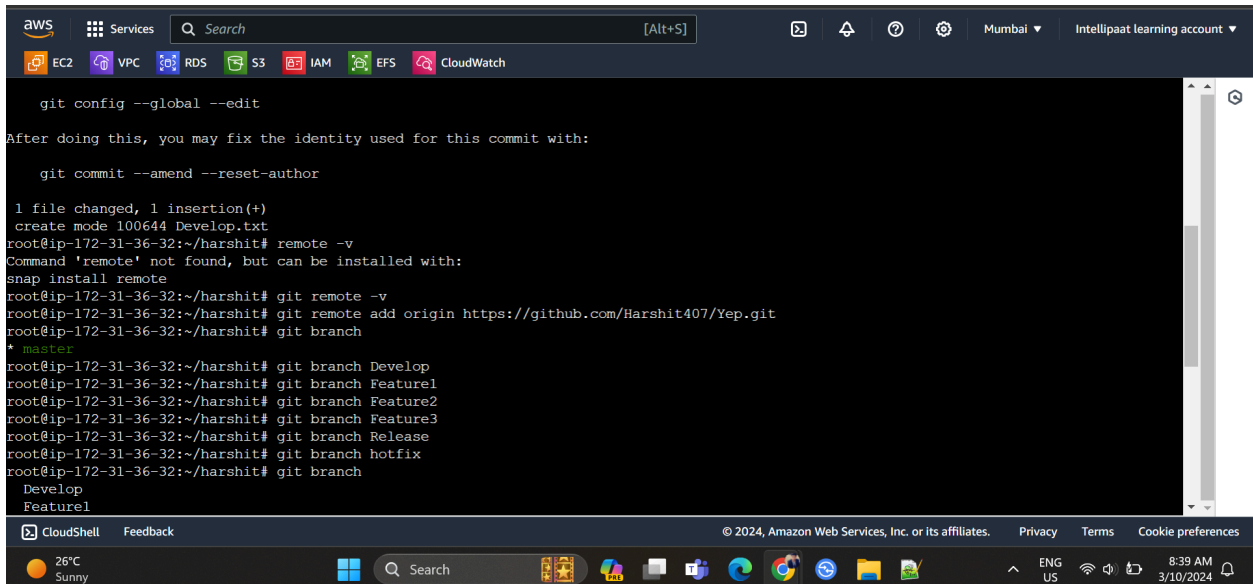
- Create a gitflow workflow architecture on git



```
aws
Services
Search [Alt+S]
EC2 VPC RDS S3 IAM EFS CloudWatch

root@ip-172-31-36-32:~# mkdir harshit
root@ip-172-31-36-32:~# cd harshit
root@ip-172-31-36-32:~/harshit# nano Develop.txt
root@ip-172-31-36-32:~/harshit# 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/harshit/.git/
root@ip-172-31-36-32:~/harshit# git add .
root@ip-172-31-36-32:~/harshit# git commit -m "1st folder created"
[master (root-commit) 1a86b0a] 1st folder created
  Committer: root <root@ip-172-31-36-32.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:
```

- Create all the required branches



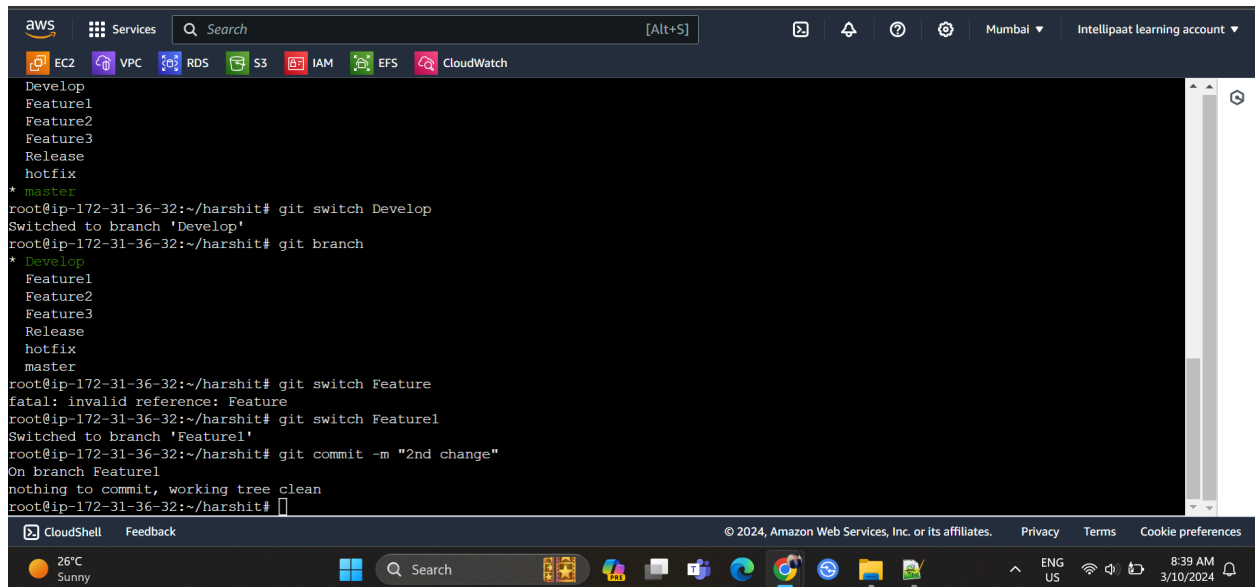
```
aws
Services
Search [Alt+S]
EC2 VPC RDS S3 IAM EFS CloudWatch

    git config --global --edit

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

    git commit --amend --reset-author

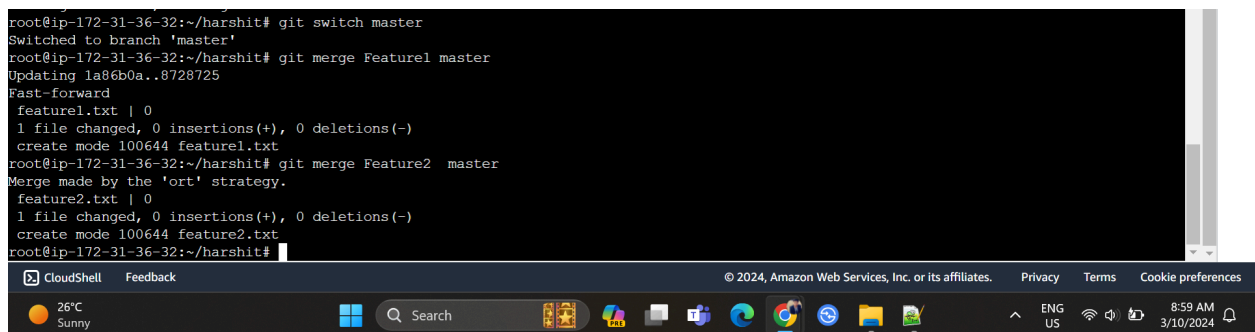
1 file changed, 1 insertion(+)
 create mode 100644 Develop.txt
root@ip-172-31-36-32:~/harshit# remote -v
Command 'remote' not found, but can be installed with:
snap install remote
root@ip-172-31-36-32:~/harshit# git remote -v
root@ip-172-31-36-32:~/harshit# git remote add origin https://github.com/Harshit407/Yep.git
root@ip-172-31-36-32:~/harshit# git branch
* master
root@ip-172-31-36-32:~/harshit# git branch Develop
root@ip-172-31-36-32:~/harshit# git branch Feature1
root@ip-172-31-36-32:~/harshit# git branch Feature2
root@ip-172-31-36-32:~/harshit# git branch Feature3
root@ip-172-31-36-32:~/harshit# git branch Release
root@ip-172-31-36-32:~/harshit# git branch hotfix
root@ip-172-31-36-32:~/harshit# git branch
  Develop
  Feature1
```



```
Develop
Feature1
Feature2
Feature3
Release
hotfix
* master
root@ip-172-31-36-32:~/harshit# git switch Develop
Switched to branch 'Develop'
root@ip-172-31-36-32:~/harshit# git branch
* Develop
  Feature1
  Feature2
  Feature3
  Release
  hotfix
  master
root@ip-172-31-36-32:~/harshit# git switch Feature
fatal: invalid reference: Feature
root@ip-172-31-36-32:~/harshit# git switch Feature1
Switched to branch 'Feature1'
root@ip-172-31-36-32:~/harshit# git commit -m "2nd change"
On branch Feature1
nothing to commit, working tree clean
root@ip-172-31-36-32:~/harshit#
```

- Starting from the feature branch, push the branch to the master, following the architecture

Also done with the file change and commit and then merge to the master branch



```
root@ip-172-31-36-32:~/harshit# git switch master
Switched to branch 'master'
root@ip-172-31-36-32:~/harshit# git merge Feature1 master
Updating 1a86b0a..8728725
Fast-forward
 feature1.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature1.txt
root@ip-172-31-36-32:~/harshit# git merge Feature2 master
Merge made by the 'ort' strategy.
 feature2.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature2.txt
root@ip-172-31-36-32:~/harshit#
```

- Push a urgent.txt on master using hotfix

```
aws
Services
Q Search [Alt+S]
Mumbai Intellipaat learning account
EC2 VPC RDS S3 IAM EFS CloudWatch
Release hotfix
* master
root@ip-172-31-36-32:~/harshit# git switch hotfix
Switched to branch 'hotfix'
root@ip-172-31-36-32:~/harshit# nano urgent.txt
root@ip-172-31-36-32:~/harshit# git add .
root@ip-172-31-36-32:~/harshit# git commit -m "5th change"
[hotfix fe00241] 5th change
Committer: root <root@ip-172-31-36-32.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, 1 insertion(+)
create mode 100644 urgent.txt
root@ip-172-31-36-32:~/harshit#
```

```
root@ip-172-31-36-32:~/harshit# git switch master
Switched to branch 'master'
root@ip-172-31-36-32:~/harshit# git merge hotfix master
Merge made by the 'ort' strategy.
urgent.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 urgent.txt
root@ip-172-31-36-32:~/harshit#
```

```
root@ip-172-31-36-32:~/harshit# git push origin master
Username for 'https://github.com': Harshit407
Password for 'https://Harshit407@github.com':
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 905 bytes | 905.00 KiB/s, done.
Total 7 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Harshit407/Yep/pull/new/master
remote:
To https://github.com/Harshit407/Yep.git
 * [new branch]      master -> master
root@ip-172-31-36-32:~/harshit#
```