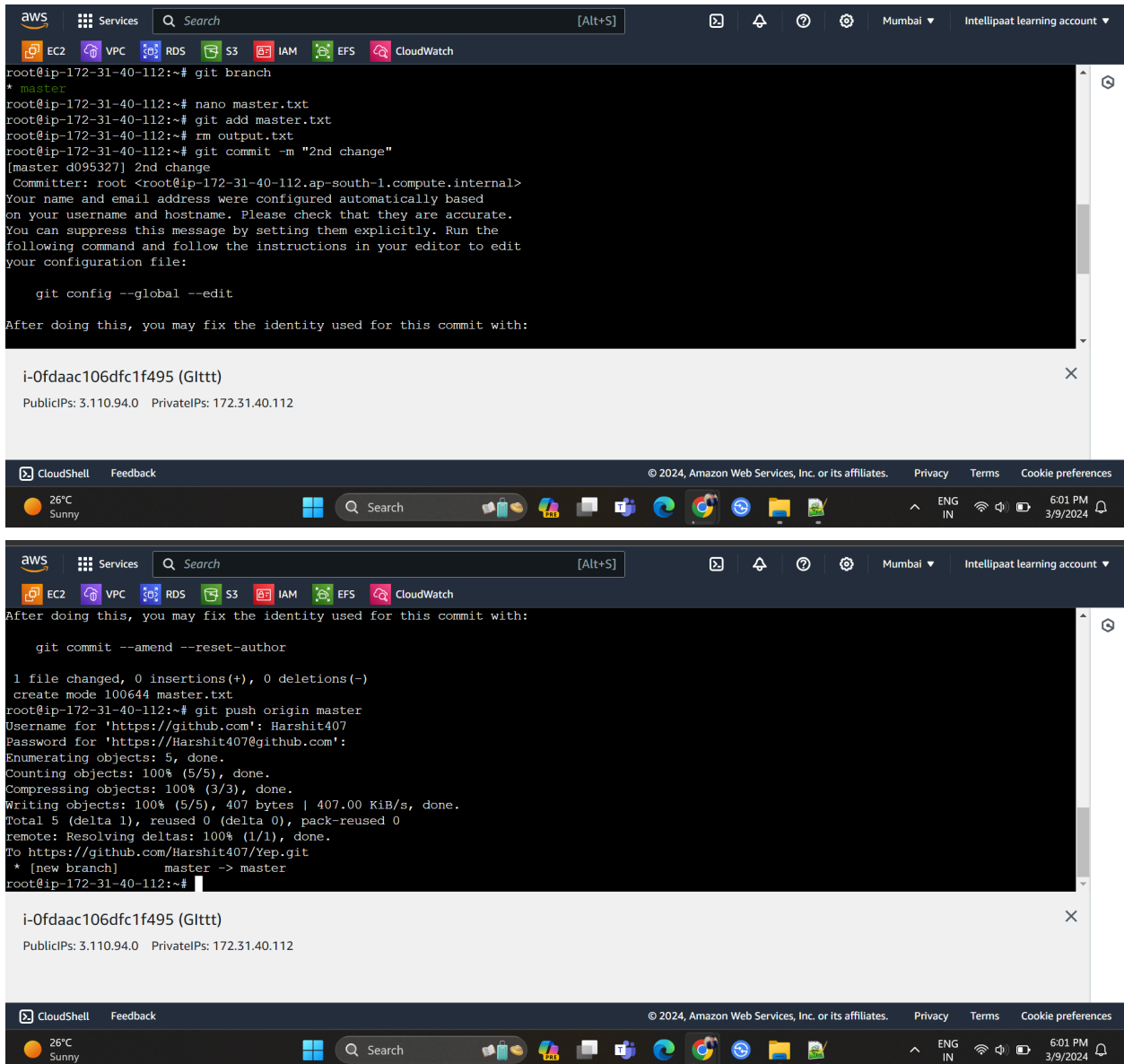


## Module-2: GIT Assignment - 4

You have been asked to:

- Put master.txt on master branch, stage and commit



The screenshot displays the AWS CloudShell interface. The terminal window shows the following commands and output:

```
root@ip-172-31-40-112:~# git branch
* master
root@ip-172-31-40-112:~# nano master.txt
root@ip-172-31-40-112:~# git add master.txt
root@ip-172-31-40-112:~# rm output.txt
root@ip-172-31-40-112:~# git commit -m "2nd change"
[master d095327] 2nd change
Committer: root <root@ip-172-31-40-112.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:
```

The output shows the commit was successful. Below the terminal, the instance details are visible: i-0fdaac106dfc1f495 (Glittt), PublicIPs: 3.110.94.0, PrivateIPs: 172.31.40.112.

```
root@ip-172-31-40-112:~# git commit --amend --reset-author
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 master.txt
root@ip-172-31-40-112:~# git push origin master
Username for 'https://github.com': Harshit407
Password for 'https://Harshit407@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 407 bytes | 407.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Harshit407/Yep.git
 * [new branch]      master -> master
root@ip-172-31-40-112:~#
```

The output shows the push was successful. Below the terminal, the instance details are visible: i-0fdaac106dfc1f495 (Glittt), PublicIPs: 3.110.94.0, PrivateIPs: 172.31.40.112.

- Create 3 branches: public1, public2 and private

The screenshot shows an AWS CloudShell terminal window. The terminal output includes a successful git push to a remote repository, followed by the creation of three new branches: Public1, Public2, and Private. A message at the bottom indicates the repository is now public. The interface includes an AWS Services menu at the top, a terminal window with a scrollbar, and a taskbar at the bottom with system icons and a search bar.

```
aws
Services
Search [Alt+S]
Mumbai Intellipaat learning account

EC2 VPC RDS S3 IAM EFS CloudWatch

Writing objects: 100% (5/5), 407 bytes | 407.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Harshit407/Yep.git
 * [new branch]      master -> master
root@ip-172-31-40-112:~#
root@ip-172-31-40-112:~#
root@ip-172-31-40-112:~# git switch branch Public1
fatal: only one reference expected
root@ip-172-31-40-112:~# git branch Public1
root@ip-172-31-40-112:~# git branch Public2
root@ip-172-31-40-112:~# git branch Private
root@ip-172-31-40-112:~# git branch
  Private
  Public1
  Public2
* master
root@ip-172-31-40-112:~#

i-Ofdaac106dfc1f495 (Glittt)
PublicIPs: 3.110.94.0 PrivateIPs: 172.31.40.112

CloudShell Feedback
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26°C Sunny
```

- Put public1.txt on public 1 branch, stage and commit

The screenshot shows the same AWS CloudShell terminal window. The user has switched to the 'Public1' branch, created a file named 'public.txt' using nano, added it to the staging area with 'git add', and committed it with 'git commit -m "3rd change"'. The terminal shows the commit message and a prompt to configure the user's name and email. The interface elements are consistent with the previous screenshot.

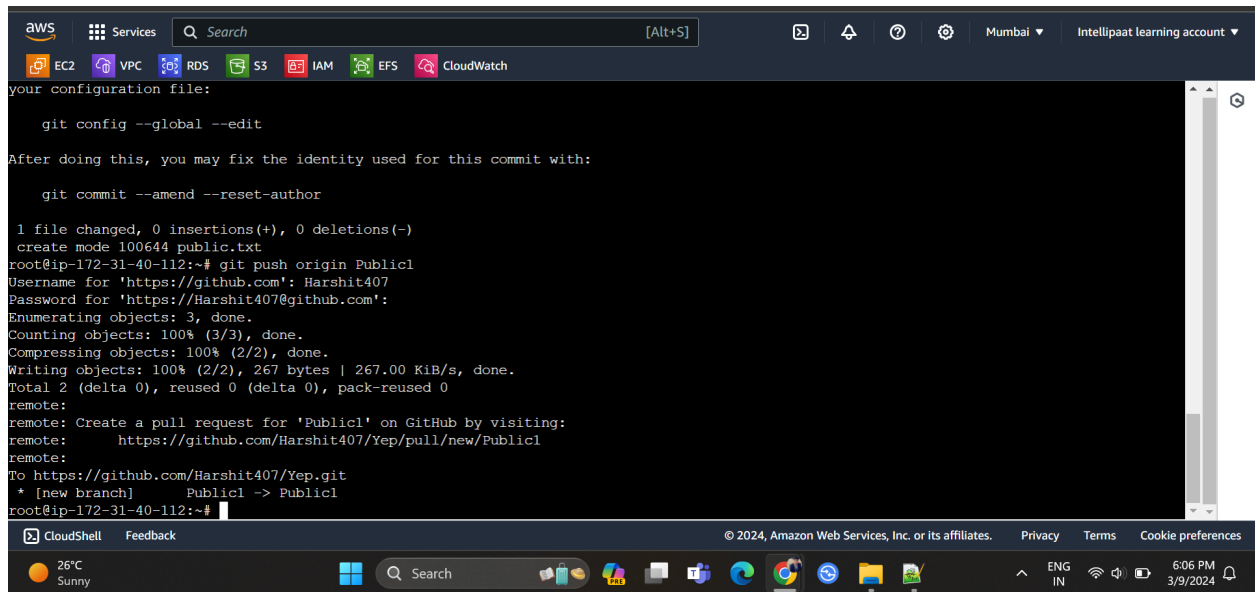
```
aws
Services
Search [Alt+S]
Mumbai Intellipaat learning account

EC2 VPC RDS S3 IAM EFS CloudWatch

root@ip-172-31-40-112:~# git branch Public2
root@ip-172-31-40-112:~# git branch Private
root@ip-172-31-40-112:~# git branch
  Private
  Public1
  Public2
* master
root@ip-172-31-40-112:~# git switch Public1
Switched to branch 'Public1'
root@ip-172-31-40-112:~# nano public.txt
root@ip-172-31-40-112:~# git add public.txt
root@ip-172-31-40-112:~# git commit -m "3rd change"
[Public1 4c3e82c] 3rd change
Committer: root <root@ip-172-31-40-112.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:
```



The screenshot shows the AWS CloudShell interface. At the top, there's a navigation bar with AWS services (EC2, VPC, RDS, S3, IAM, EFS, CloudWatch) and a search bar. Below this, the terminal window displays the following commands and output:

```
your configuration file:

    git config --global --edit

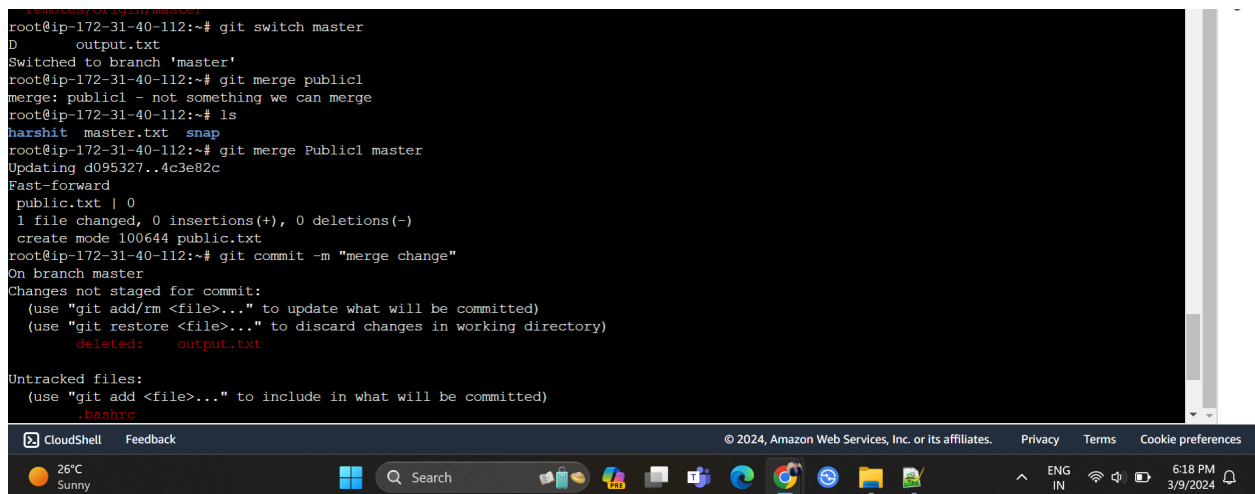
After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 public.txt
root@ip-172-31-40-112:~# git push origin Public1
Username for 'https://github.com': Harshit407
Password for 'https://Harshit407@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 267 bytes | 267.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Public1' on GitHub by visiting:
remote:   https://github.com/Harshit407/Yep/pull/new/Public1
remote:
To https://github.com/Harshit407/Yep.git
 * [new branch]      Public1 -> Public1
root@ip-172-31-40-112:~#
```

The bottom of the interface shows the CloudShell status bar with a feedback button, copyright notice (© 2024, Amazon Web Services, Inc. or its affiliates.), and links to Privacy, Terms, and Cookie preferences. The system tray at the very bottom shows the temperature (26°C, Sunny), a search bar, and various application icons.

- Merge public 1 on master branch



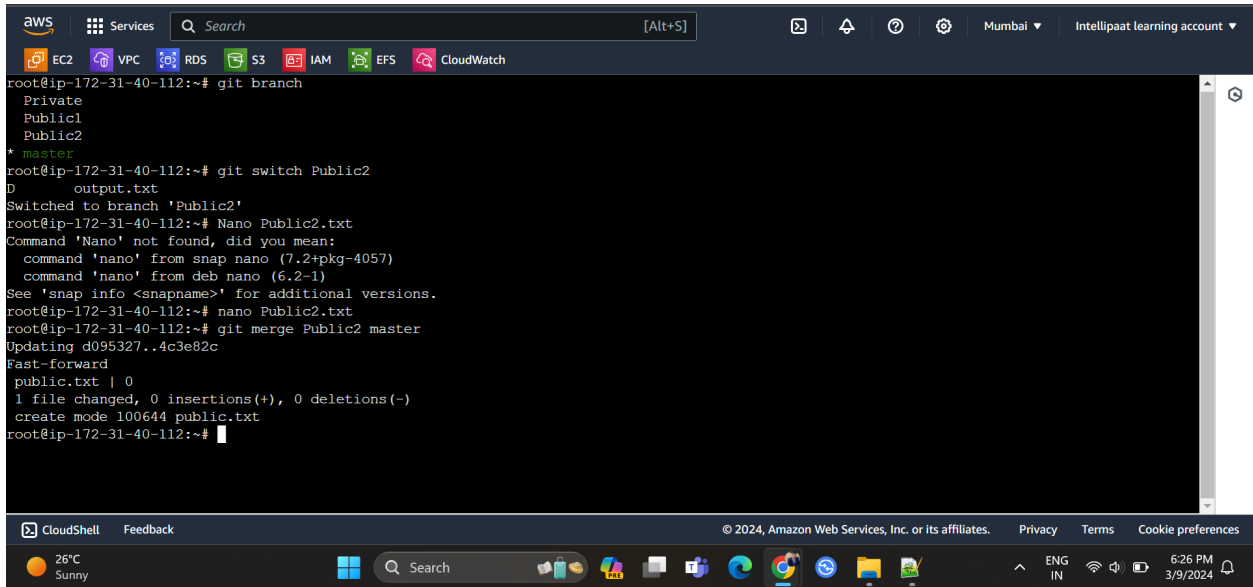
The screenshot shows the AWS CloudShell terminal with the following commands and output:

```
root@ip-172-31-40-112:~# git switch master
D
  output.txt
Switched to branch 'master'
root@ip-172-31-40-112:~# git merge public1
merge: public1 - not something we can merge
root@ip-172-31-40-112:~# ls
harshit master.txt snap
root@ip-172-31-40-112:~# git merge Public1 master
Updating d095327..4c3e82c
Fast-forward
 public.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 public.txt
root@ip-172-31-40-112:~# git commit -m "merge change"
On branch master
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    output.txt

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

The bottom of the interface shows the CloudShell status bar with a feedback button, copyright notice (© 2024, Amazon Web Services, Inc. or its affiliates.), and links to Privacy, Terms, and Cookie preferences. The system tray at the very bottom shows the temperature (26°C, Sunny), a search bar, and various application icons.

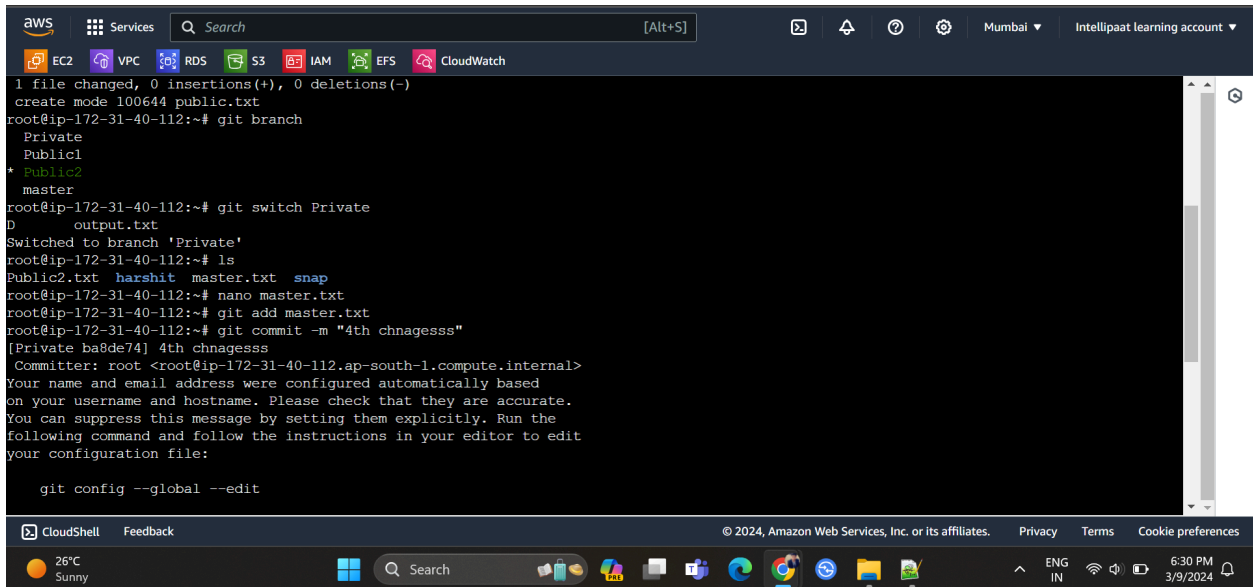
- Merge public 2 on master branch



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

root@ip-172-31-40-112:~# git branch
  Private
  Public1
  Public2
* master
root@ip-172-31-40-112:~# git switch Public2
D
  output.txt
Switched to branch 'Public2'
root@ip-172-31-40-112:~# Nano Public2.txt
Command 'Nano' not found, did you mean:
  command 'nano' from snap nano (7.2+pkg-4057)
  command 'nano' from deb nano (6.2-1)
See 'snap info <snapname>' for additional versions.
root@ip-172-31-40-112:~# nano Public2.txt
root@ip-172-31-40-112:~# git merge Public2 master
Updating d095327..4c3e82c
Fast-forward
 public.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 public.txt
root@ip-172-31-40-112:~#
```

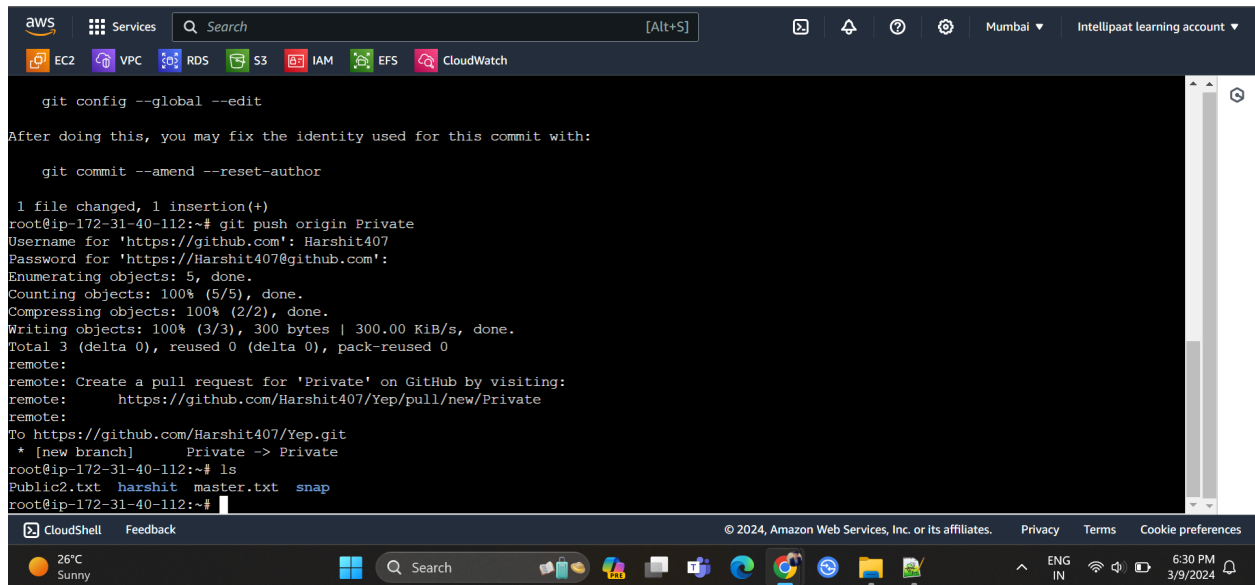
- Edit master.txt on private branch, stage and commit



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

1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 public.txt
root@ip-172-31-40-112:~# git branch
  Private
  Public1
  Public2
* master
root@ip-172-31-40-112:~# git switch Private
D
  output.txt
Switched to branch 'Private'
root@ip-172-31-40-112:~# ls
Public2.txt harshit master.txt snap
root@ip-172-31-40-112:~# nano master.txt
root@ip-172-31-40-112:~# git add master.txt
root@ip-172-31-40-112:~# git commit -m "4th chnagesss"
[Private ba8de74] 4th chnagesss
Committer: root <root@ip-172-31-40-112.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
```



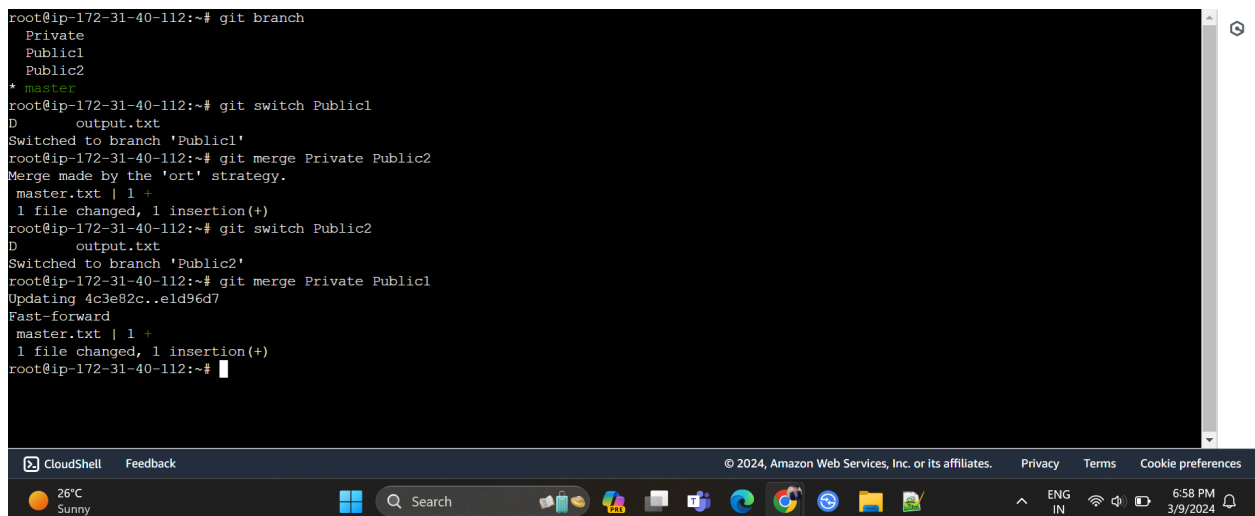
```
aws
Services
Search [Alt+S]
EC2 VPC RDS S3 IAM EFS CloudWatch

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(+)
root@ip-172-31-40-112:~# git push origin Private
Username for 'https://github.com': Harshit407
Password for 'https://Harshit407@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Private' on GitHub by visiting:
remote:   https://github.com/Harshit407/Yep/pull/new/Private
remote:
To https://github.com/Harshit407/Yep.git
 * [new branch] Private -> Private
root@ip-172-31-40-112:~# ls
Public2.txt  harshit  master.txt  snap
root@ip-172-31-40-112:~#
```

- Now update branch public 1 and public 2 with new master code in private

Reverse question this is where we need to put all the files inside the private into the public1 and public 2



```
root@ip-172-31-40-112:~# git branch
Private
Public1
Public2
* master
root@ip-172-31-40-112:~# git switch Public1
D      output.txt
Switched to branch 'Public1'
root@ip-172-31-40-112:~# git merge Private Public2
Merge made by the 'ort' strategy.
 master.txt | 1 +
 1 file changed, 1 insertion(+)
root@ip-172-31-40-112:~# git switch Public2
D      output.txt
Switched to branch 'Public2'
root@ip-172-31-40-112:~# git merge Private Public1
Updating 4c3e82c..eld96d7
Fast-forward
 master.txt | 1 +
 1 file changed, 1 insertion(+)
root@ip-172-31-40-112:~#
```

Need to run the below command but by mistaken run the wrong command but its worked:

git switch Public1

git merge Private Public1

git switch Public2

git merge Private Public2

- Also update new master code on master

```
root@ip-172-31-40-112:~# git branch
  Private
  Public1
* Public2
  master
root@ip-172-31-40-112:~# git switch master
D      output.txt
Switched to branch 'master'
root@ip-172-31-40-112:~# git branch
  Private
  Public1
  Public2
* master
root@ip-172-31-40-112:~# ls
Public2.txt harshit master.txt public.txt snap
root@ip-172-31-40-112:~# nano master.txt
root@ip-172-31-40-112:~#
```

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GNU nano 6.2 master.txt

Harshit Bansal changing the file inside it there is lot of things

- Finally update all the code on the private branch

```
aws Services Search [Alt+S] Mumbai Intellipaat learning account
EC2 VPC RDS S3 IAM EFS CloudWatch
create mode 120000 snap/lxd/current
root@ip-172-31-40-112:~# git merge Private master
Auto-merging master.txt
CONFLICT (content): Merge conflict in master.txt
Automatic merge failed; fix conflicts and then commit the result.
root@ip-172-31-40-112:~# nano master.txt
root@ip-172-31-40-112:~# git add .
root@ip-172-31-40-112:~# git commit -m "6th change done for the 4th assignment"
[master d2b4779] 6th change done for the 4th assignment
Committer: root <root@ip-172-31-40-112.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

root@ip-172-31-40-112:~# git merge Private master
Already up to date.
root@ip-172-31-40-112:~#
```

https://ap-south-1.console.aws.amazon.com/console/home?region=ap-sout... © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

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