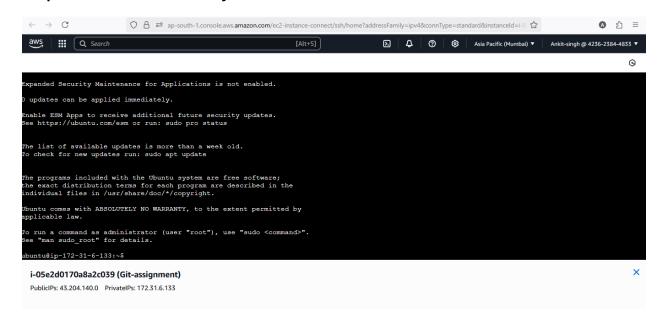
Module-2: GIT Assignment - 1

Based on what you have learnt in the class, do the following steps:

- Create a new folder
- Put the following files in the folder
 - O Code.txt
 - Log.txt
 - Output.txt
- Stage the Code.txt and Output.txt files
- Commit them
- And finally push them to github

Please share the commands for the above points

Step 1: Lunch & Connect to your EC2 instance



Step 2: Install Git (if not already installed)

```
sudo apt update
sudo apt install git -y
```

```
Ankit-singh @ 4236-2384-4833 ▼

| Continuous | Continuous
```

Step 3: Create a new folder and go into it

```
mkdir my-git-project
cd my-git-project
```

```
Reading state information... Done
git is already the newest version (1:2.43.0-1ubuntu7.2).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 33 not upgraded.
ubuntu8ip-172-31-6-133:-% mkdir my-git-project
ubuntu8ip-172-31-6-133:-% my-git-project
ubuntu8ip-172-31-6-133:-/my-git-project
ubuntu8ip-172-31-6-133:-/my-git-project
ubuntu8ip-172-31-6-133:-/my-git-project

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 4: Create the 3 required files

```
touch Code.txt Log.txt Output.txt
```

```
ubuntu@ip-172-31-6-133:~$ cd my-git-project
ubuntu@ip-172-31-6-133:~/my-git-project$ touch Code.txt Log.txt Output.txt
ubuntu@ip-172-31-6-133:~/my-git-project$

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 5: Initialize Git in the folder

git init

```
ubuntu81p-1/2-31-6-133:-/my-git-projectS got 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: names commonly chosen instead of 'master' are 'main', 'trunk' and
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/my-git-project/.git/
ubuntu@ip-172-31-6-133:</my-git-projects

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPS: 43.204.140.0 PrivateIPS: 172.31.6.133
```

Step 6: Stage only Code.txt and Output.txt

git add Code.txt Output.txt

```
Untracked files:

(use "git add Cfile>..." to include in what will be committed)

(use "git add Cfile>..." to include in what will be committed)

Untracked files:

(use "git add Cfile>..." to include in what will be committed)

Log_text

ubuntu@ip-172-31-6-133:-/my-git-project$

i-05e2d0170a8a2c039 (Git-assignment)

Public|Ps: 43.204.140.0 Private|Ps: 172.31.6.133
```

Step 7: Commit the staged files

```
git commit -m "Added Code.txt and Output.txt"

ubuntu@ip-172-31-6-133:-/my-git-project$ git commit -m "Added Code.txt and Output.txt"

[master (root-commit) 64c06d9] Added Code.txt and Output.txt

Committer: Ubuntu <ubuntu@ip-172-31-6-133.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 Code.txt

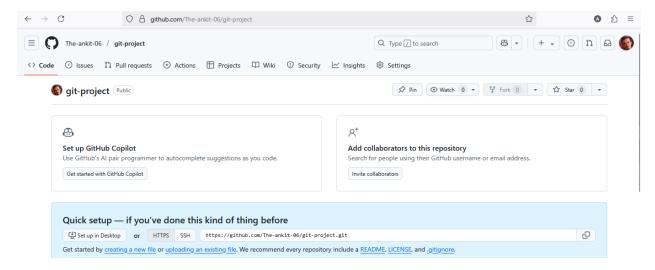
create mode 100644 Output.txt

ubuntu@ip-172-31-6-133:~/my-git-projects

i-O5e2d0170a8a2c039 (Git-assignment)

PublicPs: 45.204.140.0 PrivatePs: 172.31.6.133
```

Step 8: Create new repository



Step 9: Connect to GitHub repository

git remote add origin https://github.com/The-ankit-06/git-project

Step 10: Push your commit to GitHub

git branch -M main git push -u origin main

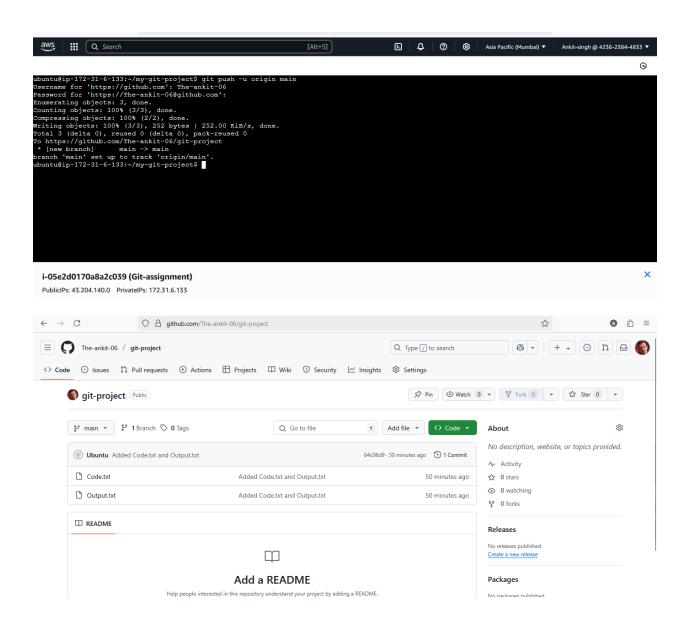
GitHub Token (Only for HTTPS push)

When you're asked for a username and password:

- Username: your GitHub username
- Password: paste your Personal Access Token (PAT), not your GitHub password

To create a token:

- 1. Go to GitHub → Settings → Developer Settings → Personal Access Tokens
- 2. Generate a new token with repo scope
- 3. Copy and save it safely



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

Step 1: Create a Git working directory and initialize

Step 2: Create feature1.txt and feature2.txt in master branch

```
touch feature1.txt feature2.txt
git add feature1.txt feature2.txt
git commit -m "Add feature1.txt and feature2.txt to master"
```

Step 3: Create branches: develop, feature1, and feature2

```
git branch develop
git branch feature1
git branch feature2
```

```
ubuntu@ip-172-31-6-133:-/git-assignment$ git branch develop
ubuntu@ip-172-31-6-133:-/git-assignment$ git branch feature1
ubuntu@ip-172-31-6-133:-/git-assignment$ git branch feature2
ubuntu@ip-172-31-6-133:-/git-assignment$ git branch
develop
feature1
feature2
* master:
ubuntu@ip-172-31-6-133:-/git-assignment$

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 4: Switch to develop branch

```
git checkout develop

ubuntu@ip-172-31-6-133:~/git-assignment$ git checkout develop

Switched to branch 'develop'
ubuntu@ip-172-31-6-133:~/git-assignment$

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 5: Create develop.txt (do NOT stage or commit it)

touch develop.txt

```
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@in-172-31-6-133:~/git-assignments
```

Step 6: Stash the uncommitted change

git stash -u

```
ubuntu@ip-172-31-6-133:-/git-assignment$ git stash -u
Saved working directory and index state WIP on develop: 8b4fa66 Add feature1.txt and feature2.txt to master
ubuntu@ip-172-31-6-133:-/git-assignment$

i-05e2d0170a8a2c039 (Git-assignment)

Public|Ps: 43.204.140.0 Private|Ps: 172.31.6.133
```

Step 7: Checkout to feature1 branch

git checkout feature1

```
Saved working directory and index state WIP on develop: 8b4fa66 Add feature1.txt and feature2.txt to master ubuntu@ip=172-31-6-133:-/git-assignment$ git checkout feature1
Switched to branch 'feature1'
ubuntu@ip=172-31-6-133:-/git-assignment$

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 8: Create new.txt, stage and commit it

```
touch new.txt
git add new.txt
git commit -m "Add new.txt to feature1 branch"
```

```
ubuntu@ip-172-31-6-133:~/git-assignment$ git add new.txt
ubuntu@ip-172-31-6-133:~/git-assignment$ git commit -m "Add new.txt to feature1 branch" [feature1 cf33ea0] Add new.txt to feature1 branch
 Committer: Ubuntu <ubuntu@ip-172-31-6-133.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, 0 insertions(+), 0 deletions(-)
  create mode 100644 new.txt
ubuntu@ip-172-31-6-133:~/git-assignment$
```

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133

Step 9: Go back to develop branch

git checkout develop

```
Switched to branch 'develop'
ubuntu@ip-172-31-6-133:~/git-assignment$
  i-05e2d0170a8a2c039 (Git-assignment)
  PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 10: Unstash and commit the develop.txt file

```
git stash pop
git add develop.txt
git commit -m "Add develop.txt after unstashing"
```

```
untu@ip-172-31-6-133:~/git-assignment$ git stash pop
 Already up to date.
On branch develop
Untracked files:

(use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
Dropped refs/stash@[0] (0494fb073061fcbc6e0670a7d64edb4a53b2cff3)
ubuntu@ip-172-31-6-133:~/git-assignment$
```

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133

```
ubuntu@ip-172-31-6-133:~/git-assignment$ git add develop.txt
ubuntu@ip-172-31-6-133:~/git-assignment$ git commit -m "Add develop.txt after unstashing"
[develop a86a4e4] Add develop.txt after unstashing
Committer: Ubuntu <ubuntu@ip-172-31-6-133.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, 0 insertions(+), 0 deletions(-)
create mode 100644 develop.txt
ubuntu@ip-172-31-6-133:~/git-assignment$
  i-05e2d0170a8a2c039 (Git-assignment)
  PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
 ▶ CloudShell Feedback
                                                                                                    © 2025, Amazon
```

Module-2: GIT Assignment - 3

You have been asked to:

- Create a git working directory, with the following branches
 - Develop
 - \bigcirc f1
 - O f2
- In the master branch, commit main.txt file
- Put develop.txt in develop branch, f1.txt and f2.txt in f1 and f2 respectively
- Push all these branches to github
- On local delete f2 branch
- Delete the same branch on github as well

Step 1: Create working directory and initialize Git

```
mkdir git-assignment-3
cd git-assignment-3
git init
```

```
Ankit-singh @ 4236-2384-4833 ▼

Asia Pacific (Mumbai) ▼ Ankit-singh @ 4236-2384-4833 ▼

Ankit-singh @ 4236-2384-4833 ▼

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Ankit-singh @ 4236-2384-484

Ankit-singh @ 4236-2384-484

Ankit-singh @ 4236-2384-484

Ankit-singh @ 4236-2384-484

Ankit-singh @ 4236-2384

Ankit-singh @ 423
```

Step 2: Create and commit main.txt in master

```
touch main.txt

git add main.txt

git commit -m "Add main.txt in master"

ubuntu8ip-172-31-6-133:-/git-assignment-35 touch main.txt

ubuntu8ip-172-31-6-133:-/git-assignment-35 git add main.txt

ubuntu8ip-172-31-6-133:-/git-assignment-35 git add main.txt

ubuntu8ip-172-31-6-133:-/git-assignment-35 git add main.txt

ubuntu8ip-172-31-6-133:-/git-assignment-35 git add main.txt

[master (root-commit) 37d36:e] Add main.txt in master

Committer: Ubuntu {ubuntu8ip-172-31-6-133.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 superess 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 10064 main.txt

ubuntu8ip-172-31-6-133-/git-assignment)

**PublicPs: 45.204.140.0 PrivatePs: 172.31.6.133

**Delication of the properties of the prope
```

Step 3: Create other branches

```
git branch f1
git branch f2
```

```
ubuntu@ip-172-31-6-133:~/git-assignment-3$ git branch
    develop
    f1
    f2
* master
ubuntu@ip-172-31-6-133:~/git-assignment-3$

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 4: Add develop.txt in develop branch

```
git checkout develop
touch develop.txt
git add develop.txt
git commit -m "Add develop.txt in develop branch"
```

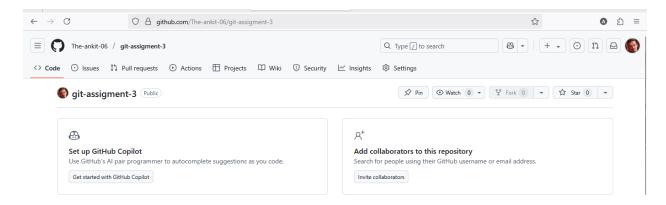
Step 5: Add f1.txt in f1 branch

```
git checkout f1
touch f1.txt
git add f1.txt
git commit -m "Add f1.txt in f1 branch"
```

```
ubuntu@ip-172-31-6-133:~/git-assignment-3$ git checkout f1
Switched to branch 'f1'
ubuntu@ip-172-31-6-133:~/git-assignment-3$ touch f1.txt
ubuntu@ip-172-31-6-133:~/git-assignment-3$ git add f1.txt
ubuntu@ip-172-31-6-133:~/git-assignment-3$ git commit -m "Add f1.txt in f1 branch"
[f1 1b67b3d] Add f1.txt in f1 branch
Committer: Ubuntu <ubuntu@ip-172-31-6-133.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, 0 insertions(+), 0 deletions(-) create mode 100644 f1.txt
ubuntu@ip-172-31-6-133:~/git-assignment-3$
      i-05e2d0170a8a2c039 (Git-assignment)
      PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
 ∑ CloudShell Feedback
 Step 6: Add f2.txt in f2 branch
git checkout f2
touch f2.txt
git add f2.txt
git commit -m "Add f2.txt in f2 branch"
                                                                                                                                                                                                                                                                                                                                                                                         (SI
ubuntu@ip-172-31-6-133:-/git-assignment-3$ git checkout f2
Switched to branch 'f2'
ubuntu@ip-172-31-6-133:-/git-assignment-3$ touch f2.txt
ubuntu@ip-172-31-6-133:-/git-assignment-3$ git add f2.txt
ubuntu@ip-172-31-6-133:-/git-assignment-3$ git commit -m "Add f2.txt in f2 branch"
[f2 Sa1108d] Add f2.txt in f2 branch
Committer: Ubuntu <ubuntu@ip-172-31-6-133.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:
 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 f2.txt
buntu@ip-172-31-6-133:~/git-assignment-3$
```

Step 7: Create a new repository on GitHub

i-05e2d0170a8a2c039 (Git-assignment) PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133



Step 8: Connect GitHub repo

```
git remote add origin https://github.com/The-ankit-06/git-assigment-3
```

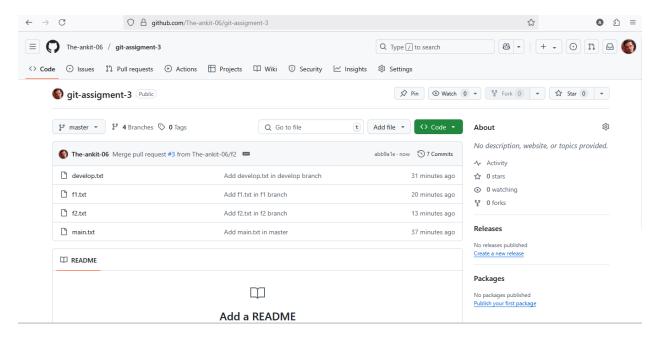
Step 9: Push all branches to GitHub

```
git checkout master
git push -u origin master

git checkout develop
git push -u origin develop

git checkout f1
git push -u origin f1

git checkout f2
git push -u origin f2
```



Step 10: Delete f2 branch locally

```
git branch -d f2

ubuntu@ip-172-31-6-133:-/git-assignment-3$ git branch -d f2
warning: deleting branch 'f2' that has been merged to
    'refs/remotes/origin/f2', but not yet merged to HEAD
Deleted branch f2 (was 5a1108d).
    ubuntu@ip-172-31-6-133:-/git-assignment-3$

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 11: Delete f2 branch from GitHub

git push origin --delete f2

```
ubuntu@ip-172-31-6-133:~/git-assignment-3$ git push origin --delete f2
Username for 'https://github.com': The-ankit-06
Password for 'https://The-ankit-06@github.com':
To https://github.com/The-ankit-06/git-assigment-3
- [deleted] f2
ubuntu@ip-172-31-6-133:~/git-assignment-3$

i-05e2d0170a8a2c039 (Git-assignment)
PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133
```

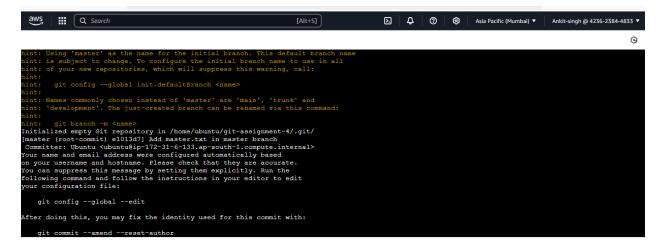
Module-2: GIT Assignment - 4

You have been asked to:

- Put master.txt on master branch, stage and commit
- Create 3 branches: public1, public2 and private
- Put public1.txt on public 1 branch, stage and commit
- Merge public 1 on master branch
- Merge public 2 on master branch
- Edit master.txt on private branch, stage and commit
- Now update branch public 1 and public 2 with new master code in private
- Also update new master code on master
- Finally update all the code on the private branch

Step 1: Initialize your Git project and create master.txt

```
mkdir git-assignment-4
cd git-assignment-4
git init
touch master.txt
echo "This is master branch" > master.txt
git add master.txt
git commit -m "Add master.txt in master branch"
```



Step 2: Create branches: public1, public2, private

```
git branch public1
git branch public2
git branch private
```

```
abuntu@ip-172-31-6-133:~/git-assignment-4$ git branch public1
git branch public2
git branch private
abuntu@ip-172-31-6-133:~/git-assignment-4$ git branch
* master
private
public1
public2
abuntu@ip-172-31-6-133:~/git-assignment-4$

i-05e2d0170a8a2c039 (Git-assignment)
PublicPs: 43.204.140.0 PrivatelPs: 172.31.6.133
```

Step 3: Add public1.txt in public1 branch

```
git checkout public1
touch public1.txt
echo "This is public1 branch" > public1.txt
git add public1.txt
git commit -m "Add public1.txt in public1 branch"
```

```
Switched to branch 'public1'
[public1 37e2dd3] Add public1.txt in public1 branch
Committer: Ubuntu <ubuntu@ip-172-31-6-133.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 public1.txt
ubuntu@ip-172-31-6-133:-/git-assignment)

i-O5e2d0170a8a2c039 (Git-assignment)

PublicPs: 43.204.140.0 PrivatePs: 172.31.6.133
```

Step 4: Merge public1 → master

```
git checkout master
git merge public1 -m "Merge public1 into master"
```

```
Switched to branch 'public1'
[public1 37e2dd3] Add public1.txt in public1 branch
Committer: Ubuntu <ubuntualip-172-31-6-133.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 public1.txt

i-O5e2d0170a8a2c039 (Git-assignment)
Public|Ps: 45.204,140,0 Private|Ps: 172,31,6,133
```

Step 5: Merge public2 → master

```
git checkout public2
# (Optional: create a file to simulate changes)
touch public2.txt
echo "This is public2 branch" > public2.txt
git add public2.txt
git commit -m "Add public2.txt in public2 branch"
git checkout master
git merge public2 -m "Merge public2 into master"
```

Step 6: Edit master.txt in private branch

```
git checkout private
echo "Private changes in master.txt" >> master.txt
git add master.txt
git commit -m "Edit master.txt in private branch"
```

```
ubuntu@ip-172-31-6-133:~/git-assignment-4$ git checkout private
echo "Private changes in master.txt" >> master.txt
git commit -m "Edit master.txt in private branch"
Switched to branch 'private'
[private 05e37fd] Edit master.txt in private branch
Committer: Ubuntu 'dubuntu@ip-172-31-6-133.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:

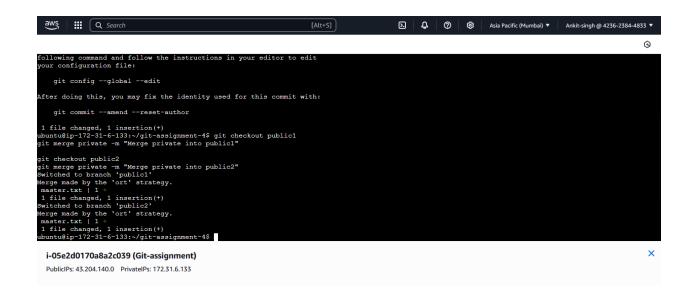
git commit --meend --reset-author

1 file changed, 1 insertion(+)
ubuntu@ip-172-31-6-133:~/git-assignment-4$

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PublicIPs 43.204.140.0 PrivateIPs: 172.31.6.133
```

Step 7: Update public1 and public2 with changes from private

```
git checkout public1
git merge private -m "Merge private into public1"
git checkout public2
git merge private -m "Merge private into public2"
```



Step 8: Update master with changes from private

```
git checkout master
git merge private -m "Merge private into master"

https://dicassignment-4% git checkout master
git merge private -m "Merge private into master"

Switched to branch 'master'

Merge made by the 'ort' strategy.

master.txt | 1 +

1 file changed, 1 insertion(+)

https://dicassignment-4%

i-05e2d0170a8a2c039 (Git-assignment-4%

L CloudShell Feedback

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```

Step 9: Final step - Update private with all latest code from master

```
git checkout private
git merge master -m "Merge master into private for final sync"
```

```
A Asia Pacific (Mumbai) A Ankit-singh @ 4236-2384-4833 A Asia Pacific (Mumbai) Ankit-singh @ 4236-2384-4833 A Ankit-singh @
```

Module-2: GIT Assignment - 5

You have been asked to:

- Create a gitflow workflow architecture on git
- Create all the required branches
- Starting from the feature branch, push the branch to the master, following the architecture
- Push a urgent.txt on master using hotfix

Step 1: Create a Git project and initialize

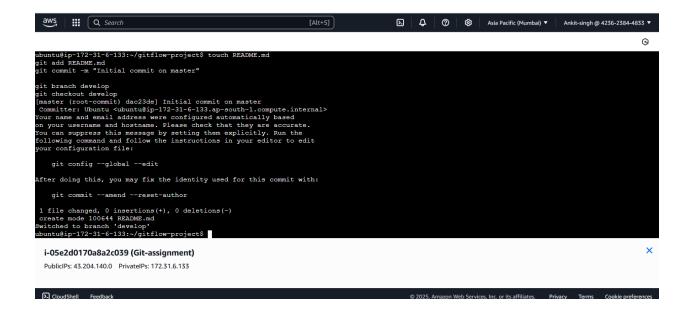
```
mkdir gitflow-project
cd gitflow-project
git init
```

Step 2: Create master and develop branches

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```
touch README.md
git add README.md
git commit -m "Initial commit on master"

git branch develop
git checkout develop
```



Step 3: Create a feature branch

```
git checkout -b feature/login
touch login.txt
echo "Login feature in progress" > login.txt
git add login.txt
git commit -m "Add login feature"
```

```
Switched to branch 'develop'
ubuntu@ip-172-31-6-133:-/gitflow-project$ git checkout -b feature/login
touch login.txt
git add login.txt
git add login.feature in progress" > login.txt
git add login.txt
git commit -m "Add login feature/login'
[feature/login 467429] Add login feature
Committer: Ubuntu <ubuntu@ip-172-31-6-133.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 login.txt
ubuntu@ip-172-31-6-133:-/gitflow-project$

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```

Step 4: Merge feature/login into develop

git checkout develop git merge feature/login -m "Merge login feature into develop"

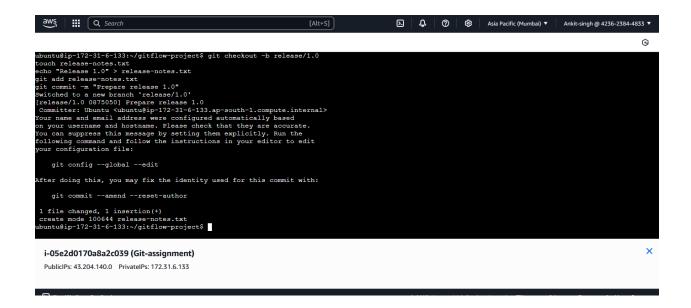
```
ubuntu@ip-172-31-6-133:-/gitflow-project$ git checkout develop
git merge feature/login -m "Merge login feature into develop"
Switched to branch 'develop'
Updating dac23de. 46f3429
Fast-forward (no commit created; -m option ignored)
login.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 login.txt
ubuntu@ip-172-31-6-133:-/gitflow-project$

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```

Step 5: Create a release branch from develop

```
git checkout -b release/1.0
touch release-notes.txt
echo "Release 1.0" > release-notes.txt
git add release-notes.txt
git commit -m "Prepare release 1.0"
```



Step 6: Merge release/1.0 into master and develop

```
git checkout master
git merge release/1.0 -m "Release 1.0 merged into master"
```

```
git checkout develop
git merge release/1.0 -m "Release 1.0 merged back into develop"
```

Step 7: Create a hotfix branch from master

```
git checkout master
git checkout -b hotfix/urgent-fix
touch urgent.txt
echo "Critical hotfix for production" > urgent.txt
git add urgent.txt
git commit -m "Apply urgent hotfix"
```

Step 8: Merge hotfix/urgent-fix into master and develop

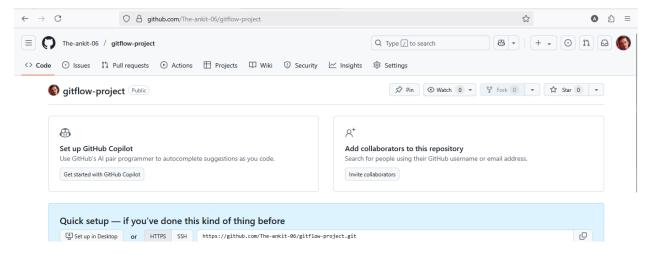
```
git checkout master
git merge hotfix/urgent-fix -m "Merge hotfix into master"

git checkout develop
git merge hotfix/urgent-fix -m "Merge hotfix into develop"
```

```
ubuntu@ip-172-31-6-133:~/gitflow-project$ git checkout master
git merge hotfix/urgent-fix -m "Merge hotfix into master"
git checkout develop
git merge hotfix/urgent-fix -m "Merge hotfix into develop"
Switched to branch 'master'
Updating 0875050..49ab85e
Fast-forward (no commit created; -m option ignored)
urgent.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 urgent.txt
Switched to branch 'develop'
Updating 0875050..49ab85e
Fast-forward (no commit created; -m option ignored)
urgent.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 urgent.txt
ubuntu@ip-172-31-6-133:~/gitflow-project$

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PublicPs 43.204.1400 PrivatePs: 172.316.133
```

Step 9: Create a new repository in GitHub



Step 10: Push all branches to GitHub

```
git remote add origin https://github.com/The-ankit-06/gitflow-project
git push -u origin master
git push -u origin develop
git push -u origin feature/login
git push -u origin release/1.0
git push -u origin hotfix/urgent-fix
```

```
dubuntu8ip-172-31-6-133:-/gitflow-project$ git remote add origin https://github.com/The-ankit-06/gitflow-project
git push u origin develop
git push u origin felease/1.0
git push u origin release/1.0
git push u origin release/1.0
git push u origin hots/wryent-fix
Username for 'https://github.com': The-ankit-06
Pasaword for 'https://me-ankit-06github.com':
Enumerating objects: 12; done.
Compressing objects: 100 (3/7), done.
Compressing objects: 100 (4/7), done.
Writing objects: 100 (4/7), done.
Total 12 (delta 3), reused 0 (delta 0), pack-reused 0
Temote: Resolving deltas: 100 (4/3), done.
To https://github.com/The-ankit-06/gitflow-project
'new branch| master > master
branch 'master' set up to track 'origin/master'.

Username for 'https://github.com': The ankit-06
Pasaword for 'https://git
```

```
Username for 'https://github.com': The-ankit-06
Password for 'https://The-ankit-06@github.com':
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'feature/login' on GitHub by visiting:
remote: https://github.com/The-ankit-06/gitflow-project/pull/new/feature/login
remote:
To https://github.com/The-ankit-06/gitflow-project
* [new branch] feature/login > feature/login
branch 'feature/login' set up to track 'origin/feature/login'.
Username for 'https://github.com':
```

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133

```
Username for 'https://github.com': The-ankit-06
Password for 'https://The-ankit-06@github.com':
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'release/1.0' on GitHub by visiting:
remote: https://github.com/The-ankit-06/gitflow-project/pull/new/release/1.0
remote:
To https://github.com/The-ankit-06/gitflow-project
* [new branch] release/1.0 -> release/1.0
branch 'release/1.0' set up to track 'origin/release/1.0'.
Username for 'https://github.com':
```

```
Username for 'https://github.com': The-ankit-06
Password for 'https://ghe-ankit-066github.com':
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'hotfix/urgent-fix' on GitHub by visiting:
remote: https://github.com/The-ankit-06/gitflow-project/pull/new/hotfix/urgent-fix
remote:
To https://github.com/The-ankit-06/gitflow-project

* (new branch) hotfix/urgent-fix -> hotfix/urgent-fix
branch 'hotfix/urgent-fix' -> tupto track 'origin/hotfix/urgent-fix'.
ubuntu@ip-172-31-6-133:~/gitflow-project$
```

i-05e2d0170a8a2c039 (Git-assignment)

PublicIPs: 43.204.140.0 PrivateIPs: 172.31.6.133

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