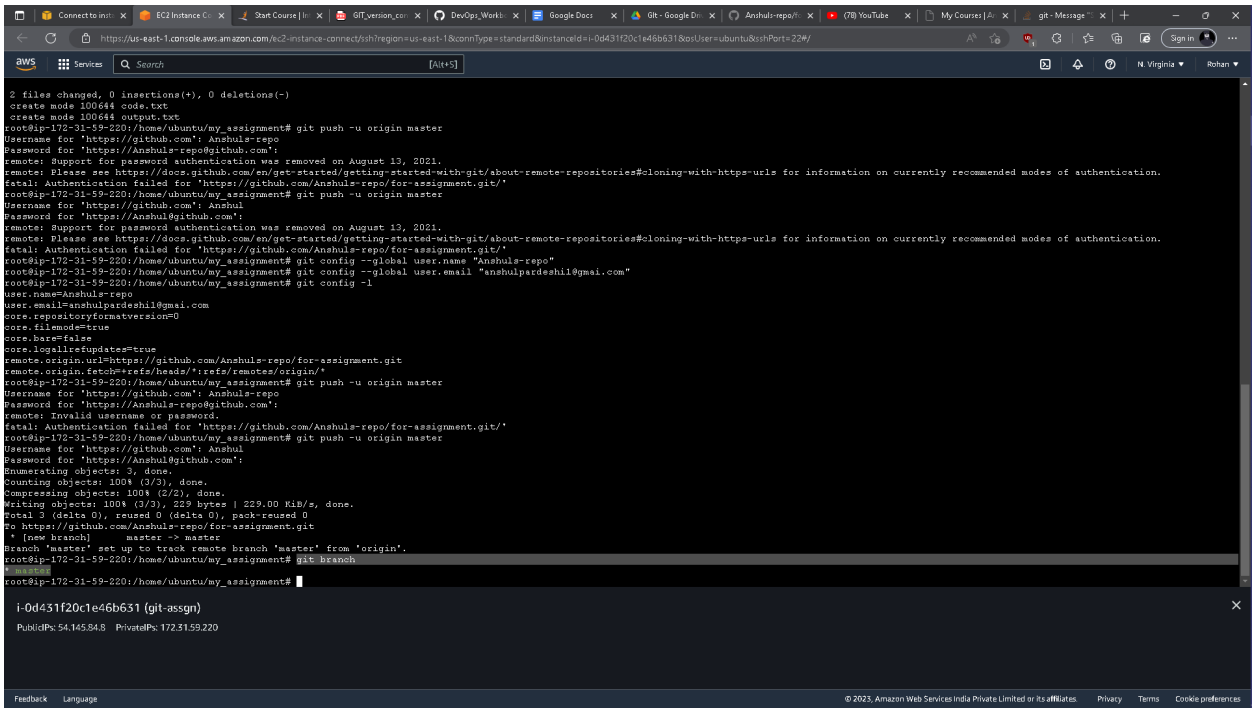
Module-2: GIT Assignment - 2

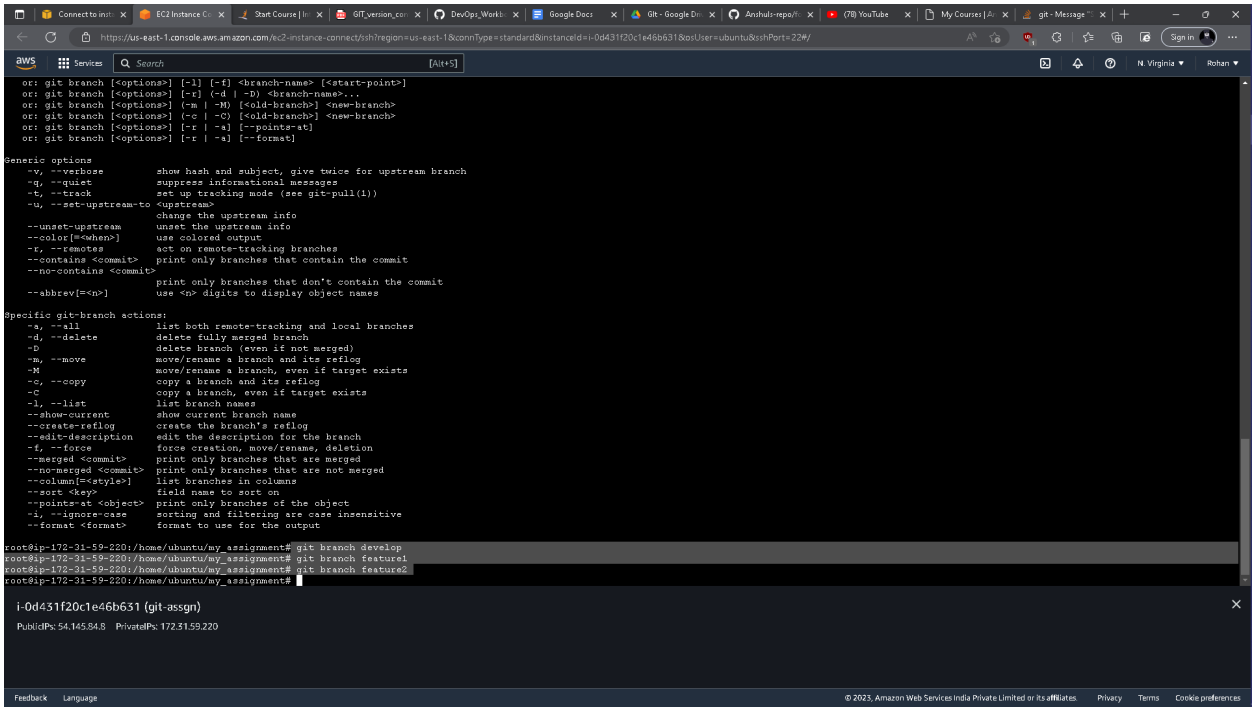
Do the following tasks:

- **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**

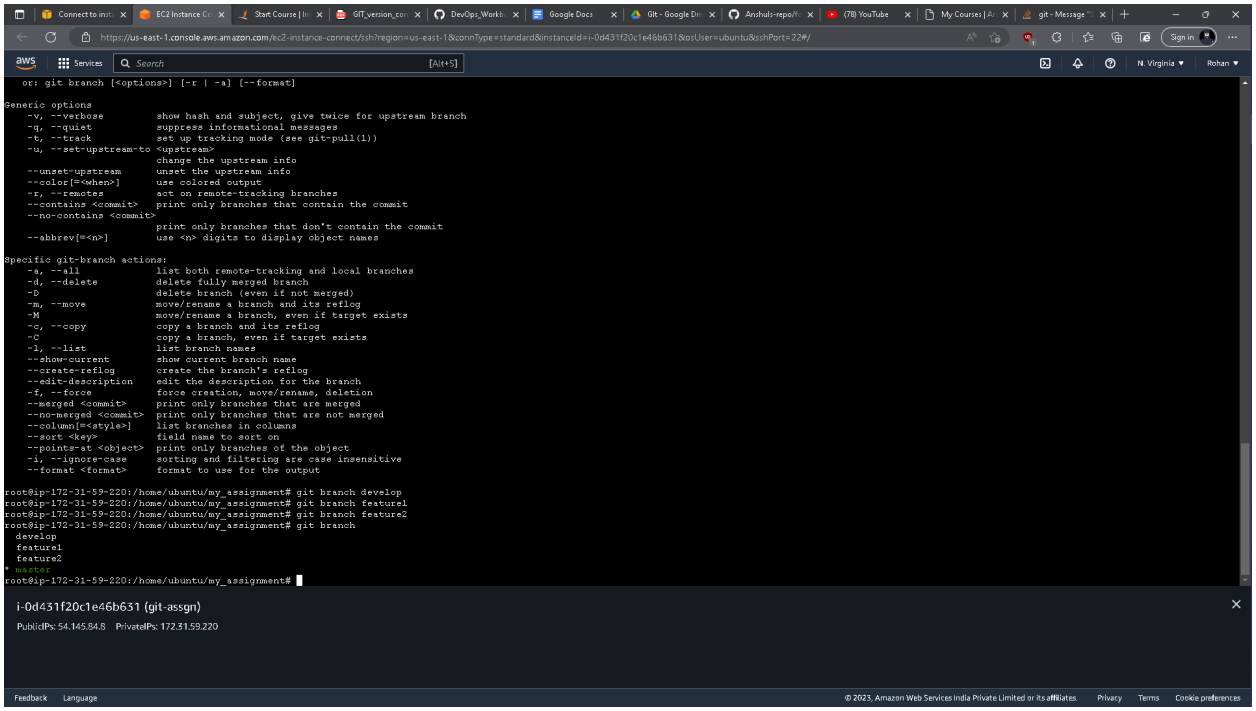
Create a working directory using mkdir <directory name>
Initialize using git init
Use the git branch to check the current branch which is master.
Touch feature1.txt feature2.txt.



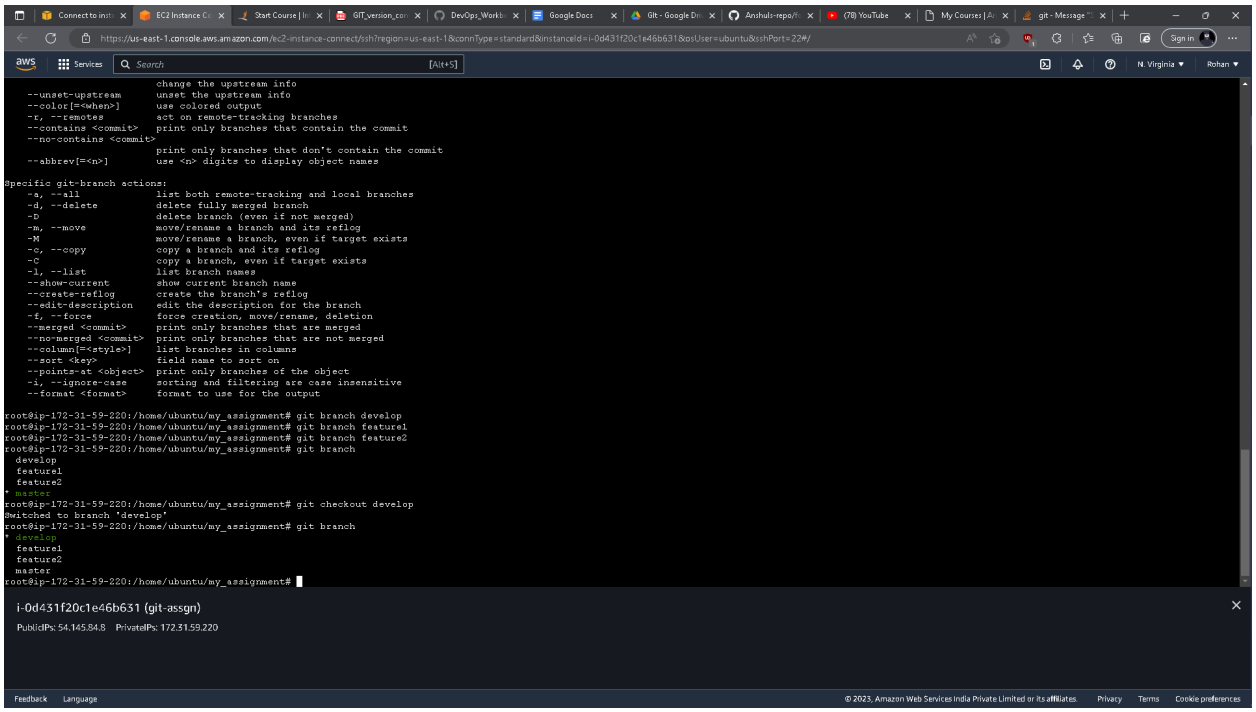
Create 3 branches.
Git brach develop
Git branch feature1
Git brach feature 2



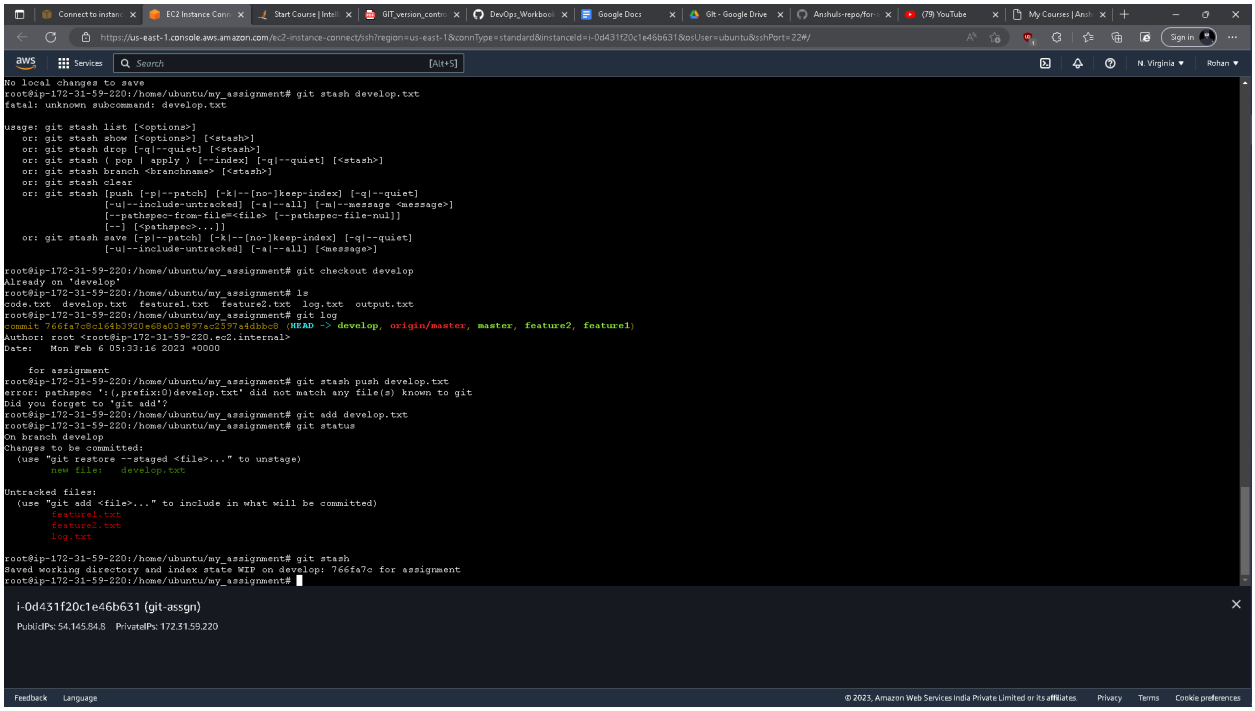
Use: git branch to see all branches.
*** indicates current branch.**

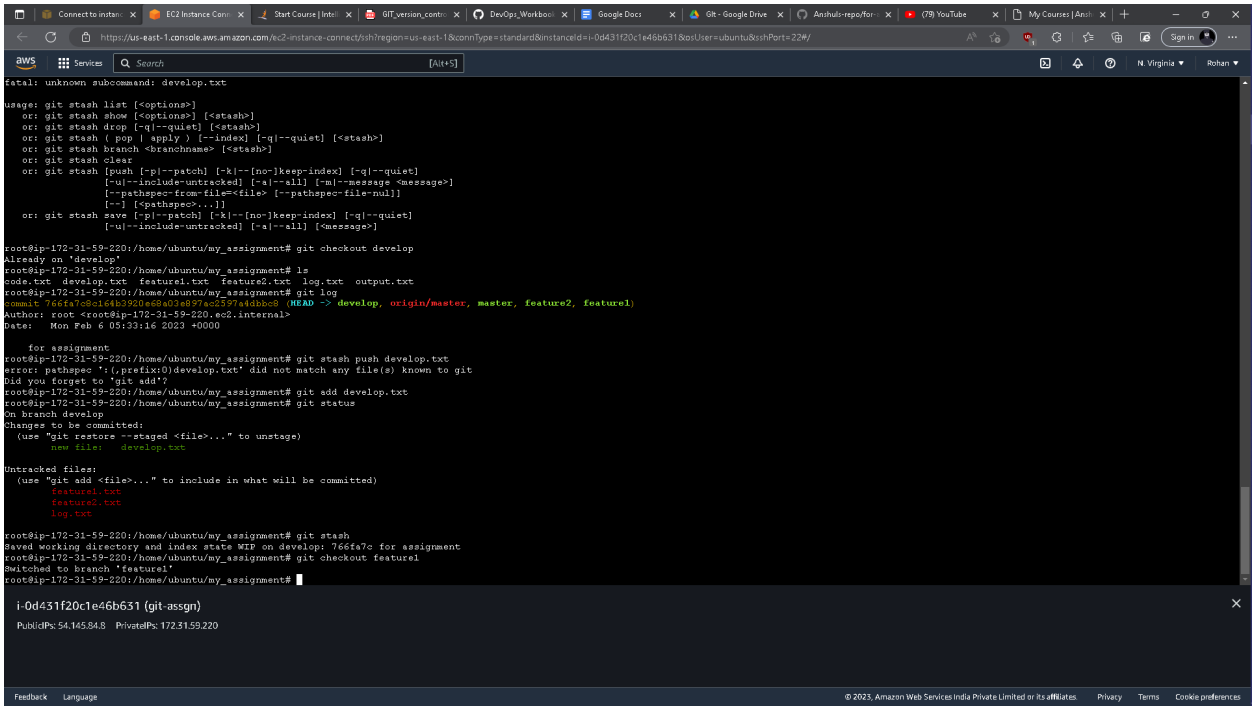


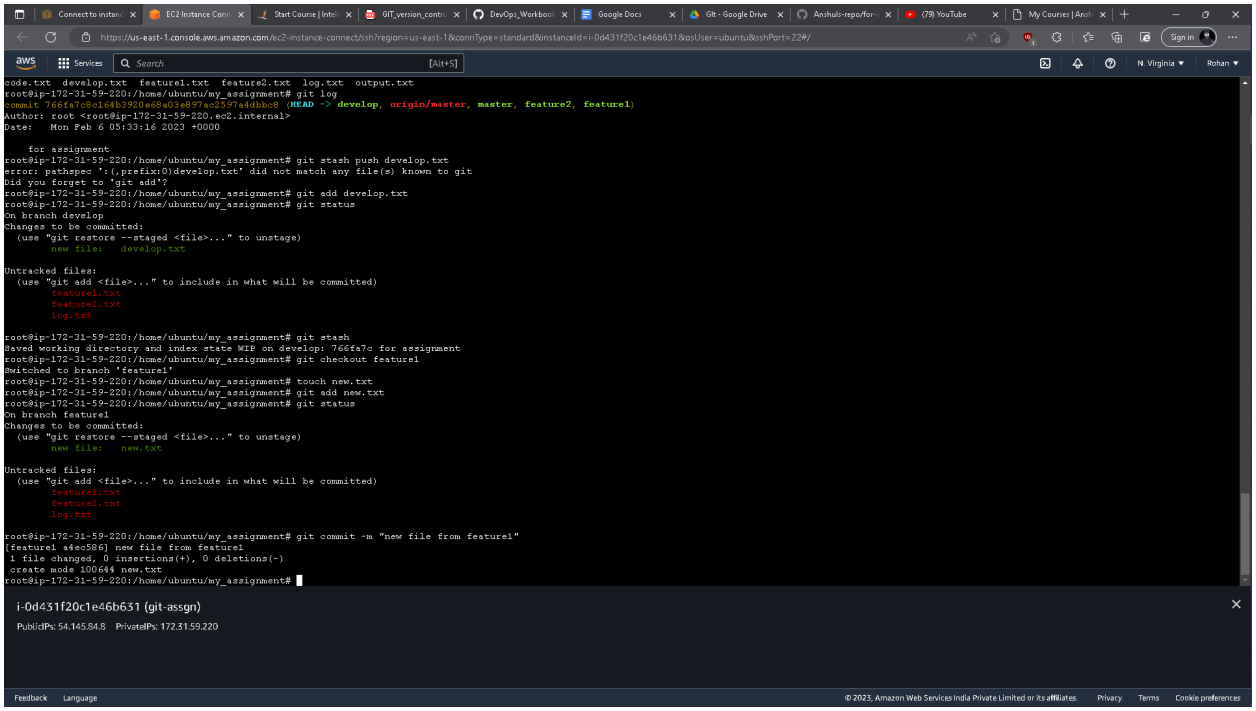
checkout to develop branch using: git checkout <branch name to which>



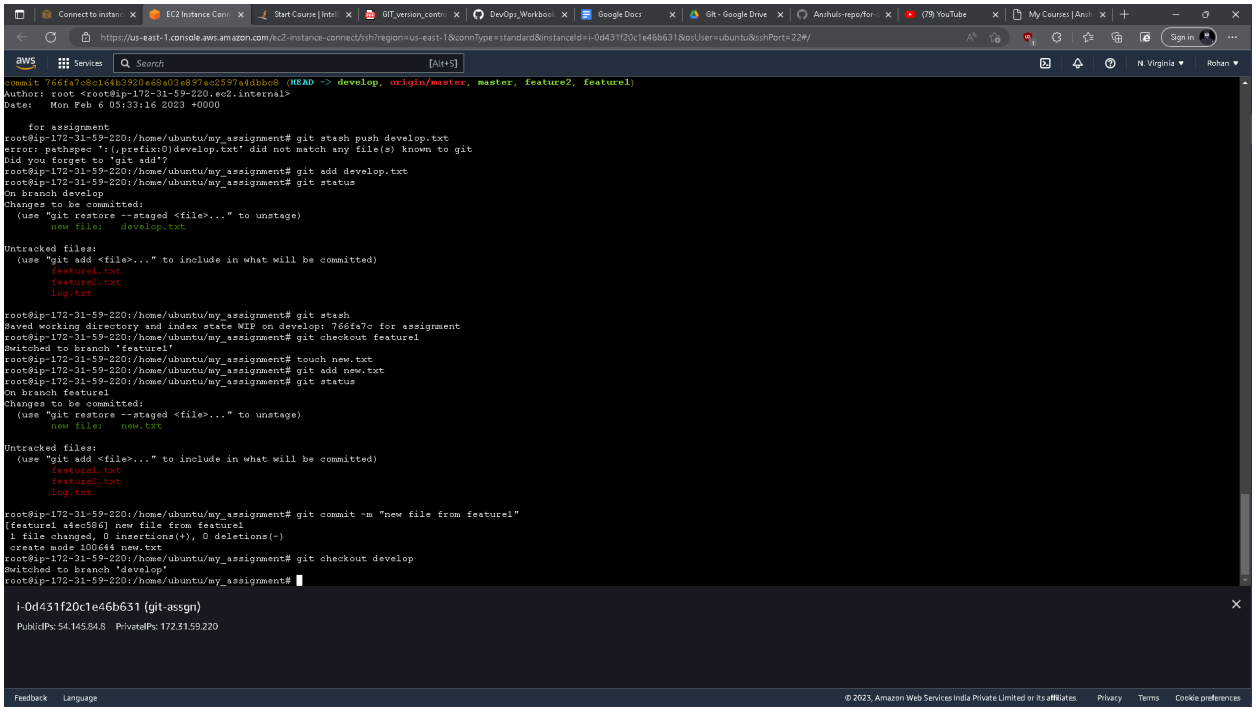
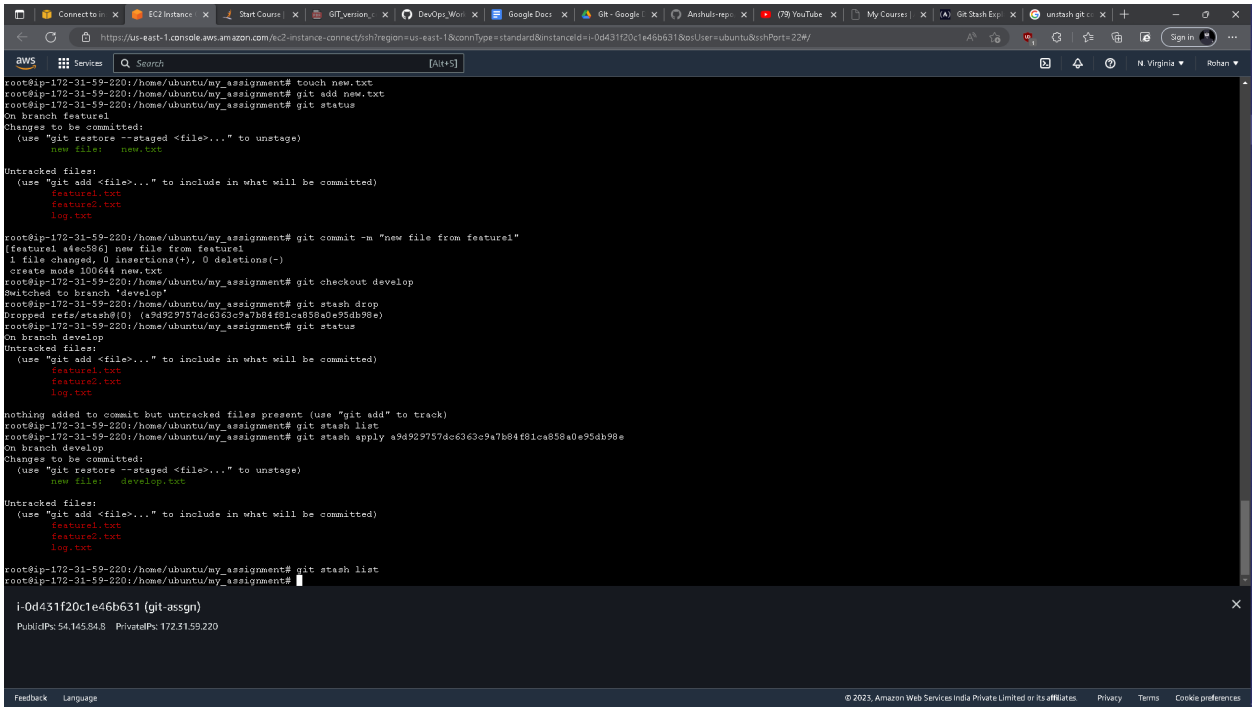
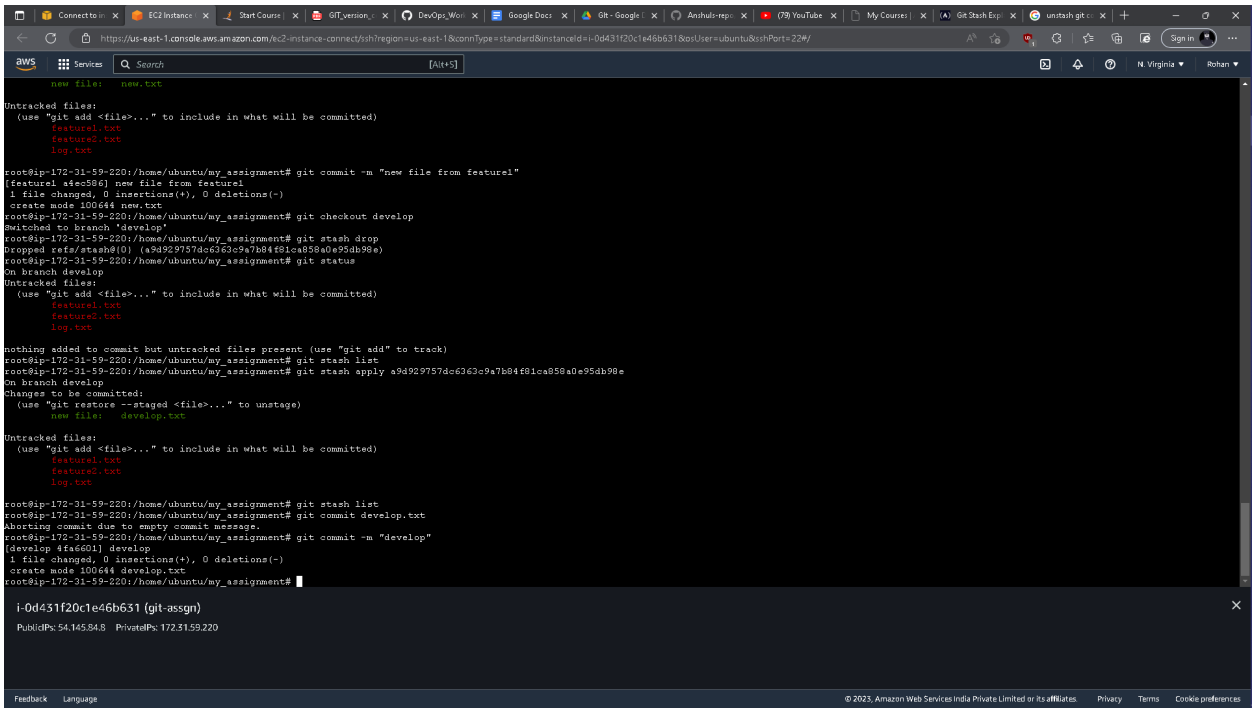
touch develop.txt
To stash: git add develop.txt
Git stash




fatal: unknown subcommand: develop.txt
usage: git stash list [<options>]
or: git stash show [<options>] [<stash>]
or: git stash drop [-q|--quiet] [<stash>]
or: git stash (pop | apply) [--index] [-q|--quiet] [<stash>]
or: git stash branch <branchname> [<stash>]
or: git stash clear
or: git stash [push [-p|--patch] [-k|--[no-]keep-index] [-q|--quiet]
[-u|--include-untracked] [-a|--all] [-m|--message <message>]
[--pathspec-from-file=<file> [--pathspec-file-nul]]
[--] [<pathspec>...]]
or: git stash save [-p|--patch] [-k|--[no-]keep-index] [-q|--quiet]
[-u|--include-untracked] [-a|--all] [<message>]
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git checkout develop
Already on 'develop'
root@ip-172-31-59-220:/home/ubuntu/my_assignment# ls
code.txt develop.txt feature1.txt feature2.txt log.txt output.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git log
commit 766fa7c8c164b3920e68a03e897ac2597a4dbbc8 (HEAD -> develop, origin/master, master, feature2, feature1)
Author: root <root@ip-172-31-59-220.ec2.internal>
Date: Mon Feb 6 05:33:16 2023 +0000
for assignment
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git stash push develop.txt
error: pathspec ':(,prefix:0)develop.txt' did not match any file(s) known to git
Did you forget to 'git add'?
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git add develop.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git status
On branch develop
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: develop.txt
Untracked files:
(use "git add <file>..." to include in what will be committed)
feature1.txt
feature2.txt
log.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git stash
Saved working directory and index state WIP on develop: 766fa7c for assignment
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git checkout feature1
Switched to branch 'feature1'
root@ip-172-31-59-220:/home/ubuntu/my_assignment#
i-0d431f20c1e46b631 (git-assgn)
PublicIPs: 54.145.84.8 PrivateIPs: 172.31.59.220


code.txt develop.txt feature1.txt feature2.txt log.txt output.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git log
commit 766fa7c8c164b3920e68a03e897ac2597a4dbbc8 (HEAD -> develop, origin/master, master, feature2, feature1)
Author: root <root@ip-172-31-59-220.ec2.internal>
Date: Mon Feb 6 05:33:16 2023 +0000
for assignment
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git stash push develop.txt
error: pathspec ':(,prefix:0)develop.txt' did not match any file(s) known to git
Did you forget to 'git add'?
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git add develop.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git status
On branch develop
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: develop.txt
Untracked files:
(use "git add <file>..." to include in what will be committed)
feature1.txt
feature2.txt
log.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git stash
Saved working directory and index state WIP on develop: 766fa7c for assignment
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git checkout feature1
Switched to branch 'feature1'
root@ip-172-31-59-220:/home/ubuntu/my_assignment# touch new.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git add new.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git status
On branch feature1
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: new.txt
Untracked files:
(use "git add <file>..." to include in what will be committed)
feature1.txt
feature2.txt
log.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment# git commit -m "new file from feature1"
[feature1 a4ec506] new file from feature1
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 new.txt
root@ip-172-31-59-220:/home/ubuntu/my_assignment#
i-0d431f20c1e46b631 (git-assgn)
PublicIPs: 54.145.84.8 PrivateIPs: 172.31.59.220

git checkout feature1
Touch new.txt
Git add new.txt
Git commit -m “new file in feature1 branch”



git checkout develop
git stash pop
Git commit -m “stashed file committed”