

## Tasks To Be Performed:

1. Put master.txt on master branch, stage and commit
2. Create 3 branches: public 1, public 2 and private
3. Put public1.txt on public 1 branch, stage and commit
4. Merge public 1 on master branch
5. Merge public 2 on master branch
6. Edit master.txt on private branch, stage and commit
7. Now update branch public 1 and public 2 with new master code in private
8. Also update new master code on master
9. Finally update all the code on the private branch

```
aws Services Search [Alt+S] N. Virginia Shanawaz Khan
ubuntu@ip-172-31-24-39:~$ ls
assignment3 assignment4 master.txt
ubuntu@ip-172-31-24-39:~$ cd assignment4
ubuntu@ip-172-31-24-39:~/assignment4$ ls
master.txt
ubuntu@ip-172-31-24-39:~/assignment4$ git branch
* master
  public1
  public2
ubuntu@ip-172-31-24-39:~/assignment4$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-24-39:~/assignment4$ git merge public1
Updating 5367774..86d2f8a
Fast-forward
 public1.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 public1.txt
ubuntu@ip-172-31-24-39:~/assignment4$ git m
maintenance merge mergetool mv
ubuntu@ip-172-31-24-39:~/assignment4$ git merge public2
Merge made by the 'ort' strategy.
 public2.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 public2.txt
ubuntu@ip-172-31-24-39:~/assignment4$ git checkout private
Switched to branch 'private'
ubuntu@ip-172-31-24-39:~/assignment4$ nano master.txt
ubuntu@ip-172-31-24-39:~/assignment4$ git add master.txt
ubuntu@ip-172-31-24-39:~/assignment4$ git commit -m "committing changes"
[private fc7bb88] committing changes
Committer: Ubuntu <ubuntu@ip-172-31-24-39.ec2.internal>
```

aws Services Q Search [Alt+S]

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(+)
ubuntu@ip-172-31-24-39:~/assignment4$ git branch
master
* private
  public1
  public2
ubuntu@ip-172-31-24-39:~/assignment4$ cat master.txt
These are my changes
ubuntu@ip-172-31-24-39:~/assignment4$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-24-39:~/assignment4$ cat master.txt
ubuntu@ip-172-31-24-39:~/assignment4$ git rebase private
Successfully rebased and updated refs/heads/master.
ubuntu@ip-172-31-24-39:~/assignment4$ ls
master.txt  public1.txt  public2.txt
ubuntu@ip-172-31-24-39:~/assignment4$ cat master.txt
These are my changes
ubuntu@ip-172-31-24-39:~/assignment4$ git checkout public1
Switched to branch 'public1'
ubuntu@ip-172-31-24-39:~/assignment4$ git rebase private
```

aws Services Q Search [Alt+S]

```
1 file changed, 1 insertion(+)
ubuntu@ip-172-31-24-39:~/assignment4$ git branch
master
* private
  public1
  public2
ubuntu@ip-172-31-24-39:~/assignment4$ cat master.txt
These are my changes
ubuntu@ip-172-31-24-39:~/assignment4$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-24-39:~/assignment4$ cat master.txt
ubuntu@ip-172-31-24-39:~/assignment4$ git rebase private
Successfully rebased and updated refs/heads/master.
ubuntu@ip-172-31-24-39:~/assignment4$ ls
master.txt  public1.txt  public2.txt
ubuntu@ip-172-31-24-39:~/assignment4$ cat master.txt
These are my changes
ubuntu@ip-172-31-24-39:~/assignment4$ git checkout public1
Switched to branch 'public1'
ubuntu@ip-172-31-24-39:~/assignment4$ git rebase private
Successfully rebased and updated refs/heads/public1.
ubuntu@ip-172-31-24-39:~/assignment4$ git chekout public2
git: 'chekout' is not a git command. See 'git --help'.

The most similar command is
  checkout
ubuntu@ip-172-31-24-39:~/assignment4$ git checkout public2
Switched to branch 'public2'
ubuntu@ip-172-31-24-39:~/assignment4$ git rebase private
Successfully rebased and updated refs/heads/public2.
ubuntu@ip-172-31-24-39:~/assignment4$
```