

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

```
hint:  git branch -m <name>
Initialized empty Git repository in /home/ubuntu/assignment4/.git/
ubuntu@ip-172-31-18-118:~/assignment4$ touch master.txt
ubuntu@ip-172-31-18-118:~/assignment4$ git add . && git commit -m "done"
[master (root-commit) dd7bae6] done
Committer: Ubuntu <ubuntu@ip-172-31-18-118.ec2.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 master.txt
ubuntu@ip-172-31-18-118:~/assignment4$ git branch
* master
ubuntu@ip-172-31-18-118:~/assignment4$
```

i-0fe455c43e74fdf9f (Git)

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Committing master.txt
on master branch

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 master.txt
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git branch
```

```
* master
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git branch public1
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git branch public2
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git branch private
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git branch
```

```
* master
```

```
private
```

```
public1
```

```
public2
```

```
ubuntu@ip-172-31-18-118:~/assignment4$
```

i-0fe455c43e74fdf9f (Git)

PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

Creating 3 branches
public1,public2,private

```
public1
public2
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout public1 ✓
Switched to branch 'public1'
ubuntu@ip-172-31-18-118:~/assignment4$ touch public1.txt ✓
ubuntu@ip-172-31-18-118:~/assignment4$ git add . && git commit -m "done" ✓
[public1 d38ac6d] done
Committer: Ubuntu <ubuntu@ip-172-31-18-118.ec2.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 public1.txt
ubuntu@ip-172-31-18-118:~/assignment4$
```

i-0fe455c43e74fdf9f (Git)

PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

Committing
public1.txt on public1
branch

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 public1.txt
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout master
```

```
Switched to branch 'master'
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git merge public1
```

```
Updating dd7bae6..d38ac6d
```

```
Fast-forward
```

```
public1.txt | 0
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
```

```
create mode 100644 public1.txt
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ ls
```

```
master.txt public1.txt
```

```
ubuntu@ip-172-31-18-118:~/assignment4$
```

i-0fe455c43e74fdf9f (Git)

PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

Merging public1 on
master branch

```
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 public1.txt

```
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout master
```

Switched to branch 'master'

```
ubuntu@ip-172-31-18-118:~/assignment4$ git merge public1
```

Updating dd7bae6..d38ac6d
Fast-forward
public1.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 public1.txt

```
ubuntu@ip-172-31-18-118:~/assignment4$ ls
```

master.txt public1.txt

```
ubuntu@ip-172-31-18-118:~/assignment4$ git merge public2
```

Already up to date.

```
ubuntu@ip-172-31-18-118:~/assignment4$ ls
```

master.txt public1.txt

```
ubuntu@ip-172-31-18-118:~/assignment4$
```

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PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

Merging public2 on
master branch



Updating dd7bae6..d38ac6d

Fast-forward

public1.txt | 0

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 public1.txt

ubuntu@ip-172-31-18-118:~/assignment4\$ ls

master.txt public1.txt

ubuntu@ip-172-31-18-118:~/assignment4\$ git merge public2

Already up to date.

ubuntu@ip-172-31-18-118:~/assignment4\$ ls

master.txt public1.txt

ubuntu@ip-172-31-18-118:~/assignment4\$ git checkout private ✓

Switched to branch 'private'

ubuntu@ip-172-31-18-118:~/assignment4\$ ls

master.txt

ubuntu@ip-172-31-18-118:~/assignment4\$ cat master.txt ✓

ubuntu@ip-172-31-18-118:~/assignment4\$ nano master.txt

ubuntu@ip-172-31-18-118:~/assignment4\$ git add. && git commit -m "done" ✓

git: 'add.' is not a git command. See 'git --help'.

The most similar command is

add

ubuntu@ip-172-31-18-118:~/assignment4\$ git add . && git commit -m "done"

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Editing master.txt
on private branch
and committed it

The most similar command is
add
ubuntu@ip-172-31-18-118:~/assignment4\$ git add . && git commit -m "done"
[private caa3e6c] done
Committer: Ubuntu <ubuntu@ip-172-31-18-118.ec2.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

```
git commit --amend --reset-author
```

```
1 file changed, 1 insertion(+)  
ubuntu@ip-172-31-18-118:~/assignment4$ ls  
master.txt
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
```

This is updated Master

```
ubuntu@ip-172-31-18-118:~/assignment4$
```

Content in
master.txt

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PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

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-172-31-18-118:~/assignment4$ ls
```

```
master.txt
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
```

```
This is updated Master
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout public1
```

```
Switched to branch 'public1'
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git merge private
```

```
Merge made by the 'ort' strategy.
```

```
master.txt | 1 +
```

```
1 file changed, 1 insertion(+)
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
```

```
This is updated Master
```

```
ubuntu@ip-172-31-18-118:~/assignment4$
```

master.txt file
content on public1
after merging

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PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

Merging private
to public1

```
1 file changed, 1 insertion(+)
ubuntu@ip-172-31-18-118:~/assignment4$ ls
master.txt
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
This is updated Master
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout public1
Switched to branch 'public1'
ubuntu@ip-172-31-18-118:~/assignment4$ git merge private
Merge made by the 'ort' strategy.
 master.txt | 1 +
 1 file changed, 1 insertion(+)
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
This is updated Master
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout public2 ✓
Switched to branch 'public2'
ubuntu@ip-172-31-18-118:~/assignment4$ git merge private ✓
Updating dd7bae6..caa3e6c
Fast-forward
 master.txt | 1 +
 1 file changed, 1 insertion(+)
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
This is updated Master ✓
ubuntu@ip-172-31-18-118:~/assignment4$
```

i-0fe455c43e74fdf9f (Git)

PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

Merging private branch on public2

```
master.txt | 1 +
1 file changed, 1 insertion(+)
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
This is updated Master
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout public2
Switched to branch 'public2'
ubuntu@ip-172-31-18-118:~/assignment4$ git merge private
Updating dd7bae6..caa3e6c
Fast-forward
 master.txt | 1 +
1 file changed, 1 insertion(+)
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
This is updated Master
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
ubuntu@ip-172-31-18-118:~/assignment4$ git merge private
Merge made by the 'ort' strategy.
 master.txt | 1 +
1 file changed, 1 insertion(+)
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
This is updated Master
ubuntu@ip-172-31-18-118:~/assignment4$
```

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Merging private on
master branch

This is updated Master

```
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout master
```

Switched to branch 'master'

```
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
```

```
ubuntu@ip-172-31-18-118:~/assignment4$ git merge private
```

Merge made by the 'ort' strategy.

```
master.txt | 1 +
```

1 file changed, 1 insertion(+)

```
ubuntu@ip-172-31-18-118:~/assignment4$ cat master.txt
```

This is updated Master

```
ubuntu@ip-172-31-18-118:~/assignment4$ git checkout private ✓
```

Switched to branch 'private'

```
ubuntu@ip-172-31-18-118:~/assignment4$ ls ✓
```

master.txt

```
ubuntu@ip-172-31-18-118:~/assignment4$ git merge master ✓
```

Updating caa3e6c..a07b941

Fast-forward

```
public1.txt | 0
```

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 public1.txt

```
ubuntu@ip-172-31-18-118:~/assignment4$ ls
```

master.txt public1.txt ✓

```
ubuntu@ip-172-31-18-118:~/assignment4$
```

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PublicIPs: 54.196.203.201 PrivateIPs: 172.31.18.118

Updating all the
codes on private
branch

Task
Done