**1. Put master.txt on Master Branch, Stage, and Commit**

touch master.txt

git add master.txt

git commit -m "Add master.txt to master branch"

**2. Create 3 Branches: public 1, public 2, and private**

git branch "public 1"

git branch "public 2"

git branch private

**3. Put public1.txt on public 1 Branch, Stage, and Commit**

git checkout "public 1"

touch public1.txt

git add public1.txt

git commit -m "Add public1.txt to public 1 branch"

**4. Merge public 1 on Master Branch**

git checkout master

git merge "public 1"

**5. Merge public 2 on Master Branch**

git merge "public 2"

**6. Edit master.txt on private Branch, Stage, and Commit**

git checkout private

echo "Changes in private branch" >> master.txt

git add master.txt

git commit -m "Edit master.txt in private branch"

**7. Update Branch public 1 and public 2 with New Master Code in private**

First, merge the master branch into public 1 and public 2:

git checkout "public 1"

git merge master

git commit -m "Update public 1 with new master code"

git checkout "public 2"

git merge master

git commit -m "Update public 2 with new master code"

Then, merge these updated branches into the private branch:

git checkout private

git merge "public 1"

git merge "public 2"

git commit -m "Update private with new public 1 and public 2 code"

**8. Also Update New Master Code on Master**

git checkout master

git merge private

**9. Finally, Update All the Code on the private Branch**

git checkout private

git merge master

**Summary of Git Commands:**

* **touch master.txt**
* **git add master.txt**
* **git commit -m "Add master.txt to master branch"**
* **git branch "public 1"**
* **git branch "public 2"**
* **git branch private**
* **git checkout "public 1"**
* **touch public1.txt**
* **git add public1.txt**
* **git commit -m "Add public1.txt to public 1 branch"**
* **git checkout master**
* **git merge "public 1"**
* **git merge "public 2"**
* **git checkout private**
* **echo "Changes in private branch" >> master.txt**
* **git add master.txt**
* **git commit -m "Edit master.txt in private branch"**
* **git checkout "public 1"**
* **git merge master**
* **git commit -m "Update public 1 with new master code"**
* **git checkout "public 2"**
* **git merge master**
* **git commit -m "Update public 2 with new master code"**
* **git checkout private**
* **git merge "public 1"**
* **git merge "public 2"**
* **git commit -m "Update private with new public 1 and public 2 code"**
* **git checkout master**
* **git merge private**
* **git checkout private**
* **git merge master**