

# 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

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hartharan@hartharan-home-pc:~$ mkdir m2-a4-git-repo
(base) hartharan@hartharan-home-pc:~$ cd m2-a4-git-repo
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git init --quiet
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git branch -M main
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ touch master.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git stage master.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git commit -m "Committed master.txt on branch master(rename
d as 'main*)"
[main (root-commit) 4b44dd2] Committed master.txt on branch master(rename as *main*)
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 master.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git branch public1
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git branch public2
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git branch private
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git checkout public1
Switched to branch 'public1'
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ touch public1.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git stage public1.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git commit -m "Committed public1.txt on branch public1."
[public1 9187708] Committed public1.txt on branch public1.
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 public1.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git checkout main
Switched to branch 'main'
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git merge public1
Updating 4b44dd2..9187708
Fast-forward
 public1.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 public1.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git merge public2
Already up to date.
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git checkout private
Switched to branch 'private'
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ echo "This line was inserted in private branch" >> master.t
xt

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(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git stage master.txt
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git commit -m "Changed master.txt in private branch."
[private c1a1896] Changed master.txt in private branch.
1 file changed, 1 insertion(+)
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git checkout public1
Switched to branch 'public1'
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git merge private -m "Merging branch private into public1."
Merge made by the 'recursive' strategy.
 master.txt | 1 +
1 file changed, 1 insertion(+)
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git checkout public2
Switched to branch 'public2'
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git merge private -m "Merging branch private into public2."
Updating 4b44dd2..c1a1896
Fast-forward (no commit created; -m option ignored)
 master.txt | 1 +
1 file changed, 1 insertion(+)
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git checkout main
Switched to branch 'main'
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git merge private -m "Merging branch private into main."
Merge made by the 'recursive' strategy.
 master.txt | 1 +
1 file changed, 1 insertion(+)
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git checkout private
Switched to branch 'private'
(base) hartharan@hartharan-home-pc:~/m2-a4-git-repo$ git merge main -m "Merging branch main into private."
Updating c1a1896..1d6147b
Fast-forward (no commit created; -m option ignored)
 public1.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 public1.txt

```

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1 and 2. Execute the commands in the order provide to achieve the outcomes of this assignment.