

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

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ ls
ubuntu@ip-172-31-32-44:~/assignment$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
ubuntu@ip-172-31-32-44:~/assignment$ echo "Add master.txt in master branch" >> master.txt
ubuntu@ip-172-31-32-44:~/assignment$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    master.txt

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-32-44:~/assignment$ git add master.txt
ubuntu@ip-172-31-32-44:~/assignment$ git commit -m "Add master.txt in master branch"
[master (root-commit) 2da204b] Add master.txt in master branch
 1 file changed, 1 insertion(+)
   create mode 100644 master.txt
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git branch public1
ubuntu@ip-172-31-32-44:~/assignment$ git branch public2
ubuntu@ip-172-31-32-44:~/assignment$ git branch private
ubuntu@ip-172-31-32-44:~/assignment$ git branch
* master
  private
  public1
  public2
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git checkout public1
Switched to branch 'public1'
ubuntu@ip-172-31-32-44:~/assignment$ git branch
  master
  private
* public1
  public2
ubuntu@ip-172-31-32-44:~/assignment$ echo "Add public1.txt to public1 branch" >> public1.txt
ubuntu@ip-172-31-32-44:~/assignment$ git status
On branch public1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    public1.txt

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-32-44:~/assignment$ git add public1.txt
ubuntu@ip-172-31-32-44:~/assignment$ git commit -m "Add public1.txt to public1 branch"
[public1 f582138] Add public1.txt to public1 branch
 1 file changed, 1 insertion(+)
 create mode 100644 public1.txt
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-32-44:~/assignment$ git branch
* master
  private
  public1
  public2
ubuntu@ip-172-31-32-44:~/assignment$ ls
master.txt
ubuntu@ip-172-31-32-44:~/assignment$ git merge public1
Updating 2da204b..f582138
Fast-forward
 public1.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 public1.txt
ubuntu@ip-172-31-32-44:~/assignment$ ls -l
total 8
-rw-rw-r-- 1 ubuntu ubuntu 32 Apr  5 13:11 master.txt
-rw-rw-r-- 1 ubuntu ubuntu 34 Apr  5 13:16 public1.txt
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git branch
* master
  private
  public1
  public2
ubuntu@ip-172-31-32-44:~/assignment$ git merge public2
Already up to date.
ubuntu@ip-172-31-32-44:~/assignment$ ls
master.txt  public1.txt
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git checkout private
Switched to branch 'private'
ubuntu@ip-172-31-32-44:~/assignment$ git branch
  master
* private
  public1
  public2
ubuntu@ip-172-31-32-44:~/assignment$ ls
master.txt
ubuntu@ip-172-31-32-44:~/assignment$ vi master.txt
ubuntu@ip-172-31-32-44:~/assignment$ cat master.txt
Add master.txt in master branch and it is edited in private branch
ubuntu@ip-172-31-32-44:~/assignment$ git add master.txt
ubuntu@ip-172-31-32-44:~/assignment$ git commit -m "Edited in private branch"
[private 75ff4f8] Edited in private branch
 1 file changed, 1 insertion(+), 1 deletion(-)
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git checkout public1
Switched to branch 'public1'
ubuntu@ip-172-31-32-44:~/assignment$ git merge private
Merge made by the 'ort' strategy.
  master.txt | 2 +-
  1 file changed, 1 insertion(+), 1 deletion(-)
ubuntu@ip-172-31-32-44:~/assignment$ ls -l
total 8
-rw-rw-r-- 1 ubuntu ubuntu 67 Apr  5 13:52 master.txt
-rw-rw-r-- 1 ubuntu ubuntu 34 Apr  5 13:52 public1.txt
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git checkout public2
Switched to branch 'public2'
ubuntu@ip-172-31-32-44:~/assignment$ git merge private
Updating 2da204b..75ff4f8
Fast-forward
 master.txt | 2 + -
 1 file changed, 1 insertion(+), 1 deletion(-)
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git checkout master
Switched to branch 'master'
ubuntu@ip-172-31-32-44:~/assignment$ git merge private
Merge made by the 'ort' strategy.
 master.txt | 2 + -
 1 file changed, 1 insertion(+), 1 deletion(-)
ubuntu@ip-172-31-32-44:~/assignment$
```

```
ubuntu@ip-172-31-32-44: ~/assignment
ubuntu@ip-172-31-32-44:~/assignment$ git checkout private
Switched to branch 'private'
ubuntu@ip-172-31-32-44:~/assignment$ git merge master
Updating 75ff4f8..dd900e9
Fast-forward
 publicl.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 publicl.txt
ubuntu@ip-172-31-32-44:~/assignment$
```