Empty Folder In Local

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2 — 

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

§ git add .

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

§ git diff --staged diff --staged diff --git a/T1.txt b/T1.txt new file mode 100644 index 0000000..e69de29

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

§ git commit -m"firastdone"
[master (root-commit) 210a02d] firastdone

1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 T1.txt

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

§ |
```

After Changes in local file.

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2 — X

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

$ git status
On branch master
Changes not staged for commit:
    (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
    modified: T1.txt

no changes added to commit (use "git add" and/or "git commit -a")

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

$ git diff
diff --git a/T1.txt b/T1.txt
index e69de29..acbe86c 100644
--- a/T1.txt
+++ b/T1.txt
@ -0,0 +1 @@
+abcd

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

$
```

```
/hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git commit -m "one change in file"
[master da99079] one change in file
1 file changed, 1 insertion(+)

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git log
commit da99079cc82128f20387c43b43a771866c029d65 (HEAD -> master)
Author: Activa203 <shubhamchougale2012@gmail.com>
Date: Wed Mar 30 10:37:40 2022 +0530

    one change in file

commit 210a02db78e175466de81964ed5fa76b05c3e146
Author: Activa203 <shubhamchougale2012@gmail.com>
Date: Wed Mar 30 10:26:05 2022 +0530

    firastdone

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ |
```

```
X
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git diff
diff --git a/T1.txt b/T1.txt
index e69de29..acbe86c 100644
--- a/T1.txt
+++ b/T1.txt
@@ -0,0 +1 @@
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git add .
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git diff --staged
diff --git a/T1.txt b/T1.txt
index e69de29..acbe86c 100644
--- a/T1.txt
+++ b/T1.txt
@@ -0,0 +1 @@
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
```

After Undo/revert

```
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

$ git log
commit da99079cc82128f20387c43b43a771866c029d65 (HEAD -> master)
Author: Activa203 <shubhamchougale2012@gmail.com>
Date: Wed Mar 30 10:37:40 2022 +0530

one change in file

commit 210a02db78e175466de81964ed5fa76b05c3e146
Author: Activa203 <shubhamchougale2012@gmail.com>
Date: Wed Mar 30 10:26:05 2022 +0530

firastdone

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

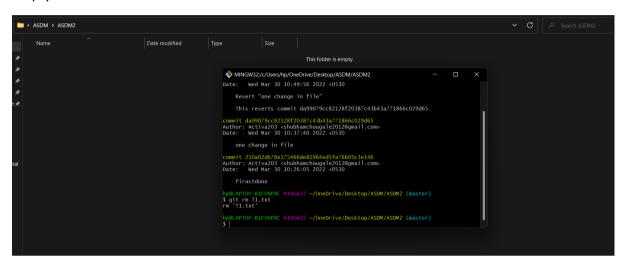
$ git revert da99079cc82128f20387c43b43a771866c029d65
[master 9e303e4] Revert "one change in file"

1 file changed, 1 deletion(-)
```

File is deleted using [rm]

```
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git rm T1.txt
rm 'T1.txt'
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$
```

Empty Folder



New txt added To check [git stash]

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2 — X

Size

Sp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
Spit status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
deleted: T1.txt

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

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
Spit add .

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
Spit commit -m "new file added"
[master 98f4a50] new file added
1 file changed, 0 insertions(+), 0 deletions(-)
Frename T1.txt => A1.txt (100%)
```

After addition of file some changes in file data { then status -> then stash-> status }==[it hide changes and make tree clean] use to store temporary changes

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2
                                                                                   ×
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git status
On branch master
Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)
no changes added to commit (use "git add" and/or "git commit -a")
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git stash
Saved working directory and index state WIP on master: 793bf69 Change in Al
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git status
On branch master
nothing to commit, working tree clean
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
```

Stash pop [it shows all hidden file]

```
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

$ git stash pop
On branch master
Changes not staged for commit:
    (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
    modified: A1.txt

no changes added to commit (use "git add" and/or "git commit -a")
Dropped refs/stash@{0} (adb48cee72d9c73d4d00663dce7d86d5f4d49fec)

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)

$ git status
On branch master
Changes not staged for commit:
    (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
```

Now all added to use reset command

Reset [To undo]=={some change in file data ->add(stage)->after reset-> un stage }

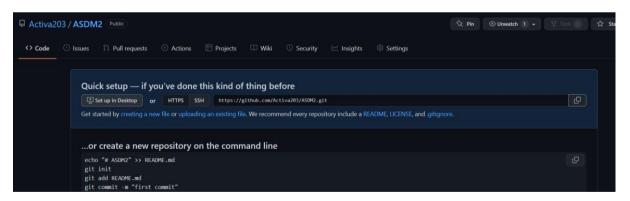
```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2
                                                                                        \times
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git add .
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git status
On branch master
Changes to be committed:

(use "git restore --staged <file>..." to unstage)
         modified:
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git reset
Unstaged changes after reset:
         A1.txt
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (master)
$ git status
On branch master
Changes not staged for commit:

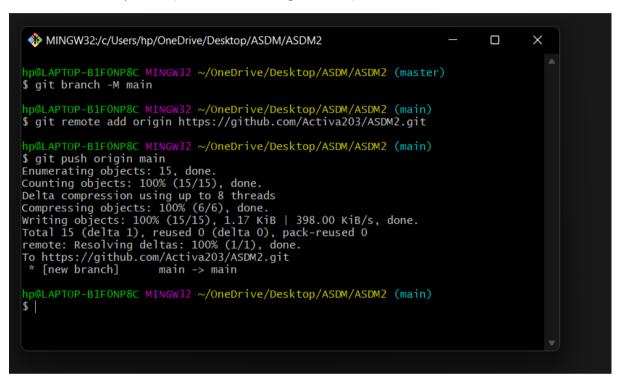
(use "git add <file>..." to update what will be committed)

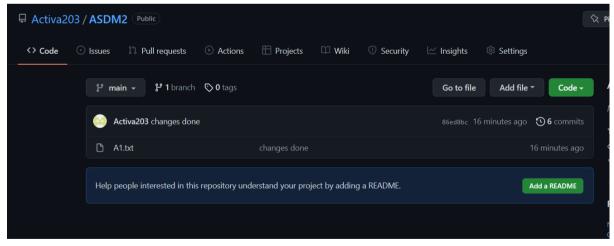
(use "git restore <file>..." to discard changes in working directory)
```

Empty Repository without Connection

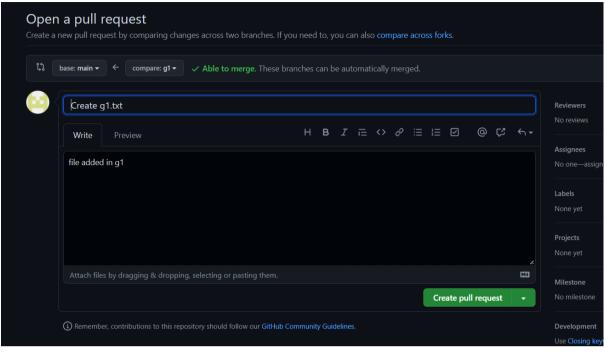


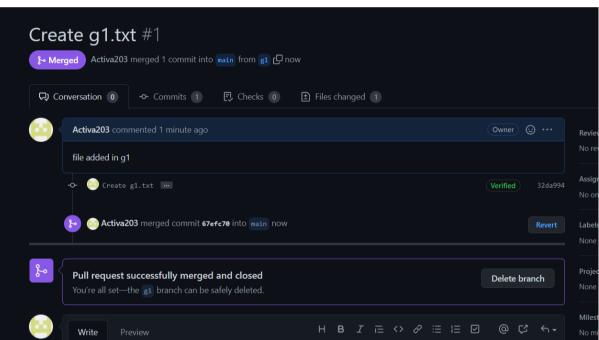
Connection with repo with (master name change to main)





One branch g1 [main<-g1]pull riq





Pull riq from local

```
30-03-2022 11:57
                                                                                                                                                                    1 KB
                                                                                                                    Text Document
🖺 g1
                                                                           30-03-2022 12:34
                                                                                                                    Text Document
                                                                                                                                                                    1 KB
                   NINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2
                                                                                                                                                                       ×
                  hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
                 hp@LAPTOP-BIFUNPSC MINGW32 ~/OHEOF TVC/DESKED, 25 git pull origin main remote: Enumerating objects: 5, done. remote: Counting objects: 100% (5/5), done. remote: Compressing objects: 100% (3/3), done. remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 Unpacking objects: 100% (4/4), 1.24 KiB | 5.00 KiB/s, done. From https://github.com/Activa203/ASDM2  
* branch main -> FETCH_HEAD
                                                                                  -> FETCH_HEAD
-> origin/main
                  * branch main
3b048aa..67efc70 main
Updating 3b048aa..67efc70
                  Fast-forward
                   gl.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 gl.txt
                  hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
```

Branch change [main->g1] using fetch

```
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)

$ git fetch origin
From https://github.com/Activa203/ASDM2

* [new branch] g1 -> origin/g1

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)

$ git branch -a

* main
    remotes/origin/g1
    remotes/origin/main

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)

$ git checkout g1

Switched to a new branch 'g1'
Branch 'g1' set up to track remote branch 'g1' from 'origin'.

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (g1)

$ |
```

Reset

```
30-03-2022 12:41
                                                  Text Document
 MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2
                                                                            X
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
$ git add .
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
$ git status
On branch main
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
$ git reset
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
$ git diff --staged
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
```

Local Branch creation

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2 — X

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
$ git branch b1

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (main)
$ git checkout b1

Switched to branch 'b1'

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ git add .

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ git commit -m "one change in b1"
[b1 068fc37] one change in b1"
[b1 068fc37] one change in b1
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fileinB1.txt

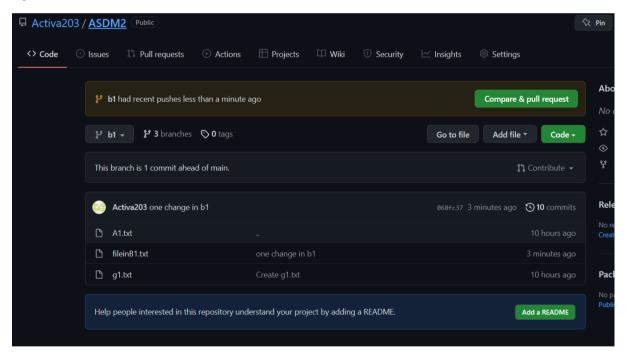
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ git push origin b1
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 306 bytes | 306.00 KiB/s, done.
```

```
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ git commit -m "one change in b1"
[b1 068fc37] one change in b1
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fileinB1.txt

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ git push origin b1
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 306 bytes | 306.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'b1' on GitHub by visiting:
remote: https://github.com/Activa203/ASDM2/pull/new/b1
remote:
To https://github.com/Activa203/ASDM2.git
* [new branch] b1 -> b1

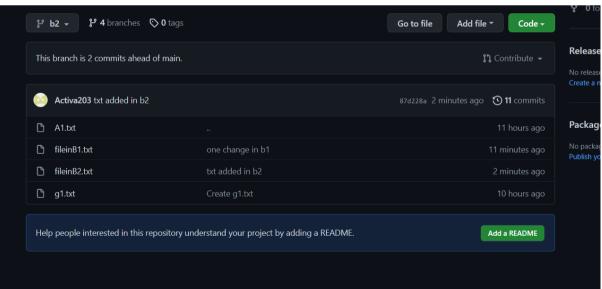
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ |
```

Updated local b1 on remote



From B1-> B2 branch created

```
np@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ git branch b2
 np@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b1)
$ git checkout b2
Switched to branch 'b2'
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ git add .
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ git status
On branch b2
Changes to be committed:
   (use "git restore --staged <file>..." to unstage)
                            fileinB2.txt
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ git commit -m "txt added in b2"
[b2 87d228a] txt added in b2
 1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 fileinB2.txt
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ git push origin b2
Enumerating objects: 3, done.
 Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 241 bytes | 241.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
 remote: Create a pull request for 'b2' on GitHub by visiting: remote: https://github.com/Activa203/ASDM2/pull/new/b2
 remote:
To https://github.com/Activa203/ASDM2.git
    [new branch]
```



```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2
                                                                                  ×
$ git branch b3
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ git checkout b3
Switched to branch 'b3'
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git diff
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git add .
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git diff --staged
diff --git a/fileinB3.txt b/fileinB3.txt
new file mode 100644
index 0000000..e69de29
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ 1s
A1.txt fileinB1.txt fileinB2.txt fileinB3.txt g1.txt
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
```

Difference check by diff command

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
 git diff main b1
diff --git a/fileinB1.txt b/fileinB1.txt
new file mode 100644
index 0000000..e69de29
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git diff b1 b2
diff --git a/fileinB2.txt b/fileinB2.txt
new file mode 100644
index 0000000..e69de29
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git diff b2 b3
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git diff main b3
diff --git a/fileinB1.txt b/fileinB1.txt
new file mode 100644
index 0000000..e69de29
diff --git a/fileinB2.txt
new file mode 100644
index 0000000..e69de29
hp@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git diff b1 b3
diff --git a/fileinB2.txt b/fileinB2.txt
new file mode 100644
index 0000000..e69de29
np@LAPTOP-B1F0NP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
```

For merging B2<-B3(one file extra in b3)

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2 — X

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git diff b2 b3
diff -git a/fileinB3.txt b/fileinB3.txt
new file mode 100644
index 0000000..e69de29

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ 1s
A1.txt fileinB1.txt fileinB2.txt fileinB3.txt g1.txt

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git checkout b2
Switched to branch 'b2'

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ 1s
A1.txt fileinB1.txt fileinB2.txt g1.txt

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ 1s
```

Locally merging done

```
MINGW32:/c/Users/hp/OneDrive/Desktop/ASDM/ASDM2 — X

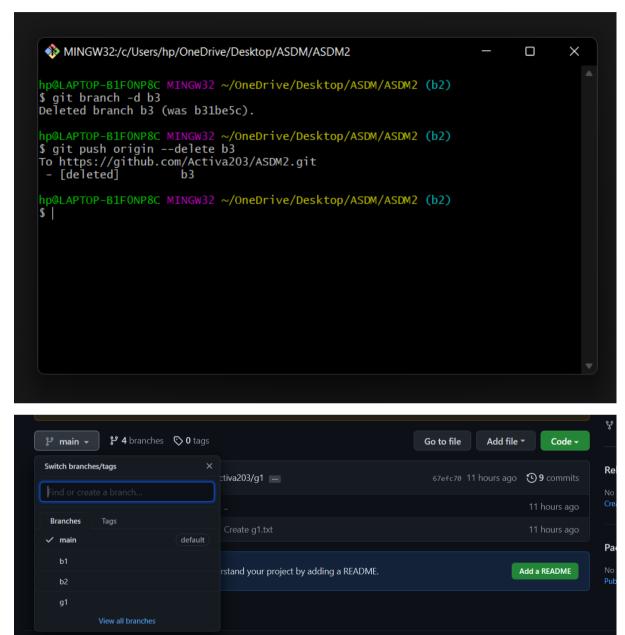
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b3)
$ git checkout b2
Switched to branch 'b2'
hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$ git merge b3
Updating 87d228a..b31be5c
Fast-forward
fileinB3.txt | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fileinB3.txt

hp@LAPTOP-B1FONP8C MINGW32 ~/OneDrive/Desktop/ASDM/ASDM2 (b2)
$
```

Update merging on remote

delete the unnecessary ones locally as well as remote(branch:-B3 is unnecessary) git branch -d b3(delete locally)

git push origin –d b(delete on remote)



Forked

