**Merging branch with commit id**

Md repo

Cd repo

D:repo> git init

D:\repo>echo “welcome”>intro.txt

D:\report>echo “new”>abc.txt

D:\report>git checkout test

D:\repo>echo “welcome”>intro.txt

D:\repo>git add

D:\repo>git commit –m “message”

D:\report>git log

Note the commit id and copy paste it

Copy commit id

D:\repo>git checkout master

D:\repo>git merge pasteID

**Merging branch with branchname**

Note the commit id and copy paste it

Copy commit id

D:\repo>git checkout –b test2

D:\repo>echo “add” >abc.txt

D:\repo>git add abc.txt

D:\repo>git commi t-m “message”

D:\repo>git checkout master

D:\repo>git merge test2

Merge:

D:\Git>cd mergerepo

D:\Git\mergerepo>git clone https://github.com/arunavan/mergerepo.git

Cloning into 'mergerepo'...

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (3/3), done.

D:\Git\mergerepo>cd..

D:\Git>cd mergerepo1

D:\Git\mergerepo1>git clone https://github.com/arunavan/mergerepo.git

Cloning into 'mergerepo'...

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (3/3), done.

D:\Git\mergerepo1>cd..

D:\Git>cd mergerepo

D:\Git\mergerepo>echo "index.html">index.html

D:\Git\mergerepo>git add index.html

D:\Git\mergerepo>git commit -m "message"

[master (root-commit) 315767f] message

1 file changed, 1 insertion(+)

create mode 100644 index.html

D:\Git\mergerepo>git remote add origin https://github.com/arunavan/mergerepo.git

D:\Git\mergerepo>git fetch origin master

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), 583 bytes | 2.00 KiB/s, done.

From https://github.com/arunavan/mergerepo

\* branch master -> FETCH\_HEAD

\* [new branch] master -> origin/master

D:\Git\mergerepo>git push origin master

D:\Git\mergerepo>git push -f origin master

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Writing objects: 100% (3/3), 221 bytes | 55.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/arunavan/mergerepo.git

+ 651702b...315767f master -> master (forced update)