Remote repo name is innovgit.

<https://github.com/arunavan/innovgit>

Dev1 , Dev2 are working on same repository code.

D:\Git>md dev1

D:\Git>md dev2

D:\Git>cd dev1

D:\Git\dev1>git clone https://github.com/arunavan/innovgit.git

Cloning into 'innovgit'...

remote: Enumerating objects: 15, done.

remote: Counting objects: 100% (15/15), done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 15 (delta 0), reused 9 (delta 0), pack-reused 0

Receiving objects: 100% (15/15), done.

D:\Git\dev1>cd innovgit

D:\Git\dev1\innovgit>git checkout -b dev1

Switched to a new branch 'dev1'

D:\Git\dev1\innovgit>git add .

D:\Git\dev1\innovgit>git commi t-m "message"

1 file changed, 1 insertion(+)

D:\Git\dev1\innovgit>git branch

\* dev1

master

before you commit to master branch

**Then goto Dev2 clone the project do changes push the code**

D:\Git\dev2>**git clone https://github.com/arunavan/innovgit.git**

Cloning into 'innovgit'...

remote: Enumerating objects: 15, done.

remote: Counting objects: 100% (15/15), done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 15 (delta 0), reused 9 (delta 0), pack-reused 0

Receiving objects: 100% (15/15), done.

D:\Git\dev2>**cd innovgit**

D:\Git\dev2\innovgit>**git add .**

D:\Git\dev2\innovgit>**git commit -m "message"**

[master 7ee862f] message

1 file changed, 1 insertion(+)

D:\Git\dev2\innovgit>**git push origin master**

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 4 threads

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

Writing objects: 100% (3/3), 339 bytes | 339.00 KiB/s, done.

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

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

6f02c64..7ee862f master -> master

D:\Git\dev2\innovgit>

**Now switch back to Dev1 user and continue**

D:\Git\dev1\innovgit>**git checkout master**

Switched to branch 'master'

Your branch is up to date with 'origin/master'.

D:\Git\dev1\innovgit>**git pull**

remote: Enumerating objects: 5, done.

remote: Counting objects: 100% (5/5), done.

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

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

Unpacking objects: 100% (3/3), 319 bytes | 1024 bytes/s, done.

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

6f02c64..7ee862f master -> origin/master

Updating 6f02c64..7ee862f

Fast-forward

company.txt | 1 +

1 file changed, 1 insertion(+)

Here is a merge conflict as same file updated by different users.

D:\Git\dev1\innovgit>**git merge dev1**

Auto-merging company.txt

CONFLICT (content): Merge conflict in company.txt

Automatic merge failed; fix conflicts and then commit the result.

**Configure merge tool**

git config merge.tool vimdiff

git config merge.conflictstyle diff3

git config mergetool.prompt false

* **Git mergetool**

Edit VI editor

Do required changes at the end give **:wqa** - save ad exit

Then first commit to master branch in dev1

Dev1>git commit –m “message”

Dev>git merge dev1 -> merge done successfully.