Git init

Git status=> to check repository status of a file

Git add <file name>

Git commit -m “message”

Git log=> to see all previous commit

Cd OneDrive => to enter into repository file

Cd Desktop

Cd MyProject

To create a new file =>**touch** file name

To add all files to git

* Git add - - all
* Git add .

To checkout to previous commit

* Git checkout commit ID
* And again come back to last commit by using git checkout master

**Git branch feature**

To create a new branch to head like master.

To go to branch feature use code=> Git checkout feature.

Merging two branches { **Fast forward method** }

Git merge feature{ To merge content committed in feature branch to master branch….first move to base branch here it is master branch….}

Git branch

This command gives the detail of currently standing branch in green colour and also show remaining branch details…

Git diff

This code gives the differences or changes we have made in our files… as shown below saved data is shown in red colour and rest in green…

================================================================================

91904@LAPTOP-APAFFEEK MINGW64 ~/OneDrive/Desktop/MyProject (master)

$ git diff

**diff --git a/hey b/hey**

**index 2ad6a2a..b96b087 100644**

**--- a/hey**

**+++ b/hey**

@@ -1 +1,4 @@

-hey friends

\ No newline at end of file

+hey friends

+xnkjzk

+xz zxlkx

+xzx

\ No newline at end of file

================================================================================

Git stash

To wipe out all content edited in a file ….All the content we changed get erased….

**Git checkout branchName** => To change to a particular branch

**Git log –all –decorative –graph** => To get graph about commits made

**Merging**

Merging two types **recursive** merge and **fast- forward** branch…

**Conflict in merging -**This can happen when we try to merge files those have been changed from different branches. This can be solved manually opening file again git will show code combined in both files as one we can edit the code in the same file then

Git add –all

Git commit -m “Commit to fix conflict”

**To push a file changed to git**

Git add –all

Git commit -m “message for commit”

**Git remote add**

*Git remote add <hub name> <http link>*

This is to add your repository link to git

**Git remote** will give which all **hub** we have in git

**Git remote -v** will give to which link we are pushing…

**To get pushed file from git**

***cd..*** *to exit from existing folder*

*Git clone <http link from repository>*

***Ls***  *to get file in a folder*

***Git pull*** *is used to pull the latest code from master branch to local branch in which we are working .Since in very big projects multiple programmers will be working at a time so before push we must pull latest otherwise conflict will occur…*

***Git ignore***

***vim .gitignore***

so a text file will be shown in git bash . Were we can type the folder name which we want to make hide through git ignore command.. Here am trying to hide a file / images in a project

**so I added a command */images*** then used **:wq** to save and quit..

* **In git bash we can check status**
* **New file name will be shown**
* **Now add it to git by *git add –all***
* **Git commit -m “gitignore file added”**
* **Using cd images we can enter images folder in bash screen**
* **By using touch hey hey file will be created**
* **Come out of image folder cd ..**
* **Just check Git status it will not show any new file names to be commited**