BRANCH

**CREATING A BRANCH LOCALLY**

Switch to master

$ git checkout master

**Creating new branch (List all branches used in current working git repository)**

$ git branch

$ git branch –list // list all branch name

**Create branch using below command**

**$ git branch < new-branch-name > 🡪 1**

**$ git checkout <new-branch-name> 🡪 2**

**$ git checkout feature**

**$ git checkout -b <new-branch-name> 1+2 = single command**

$ git checkout **-** //It will move to the previous branch

**Check branch created or not**

Note: new branch (*i.e* **feature**) has been created locally

**CREATING A BRANCH REMOTELY**

In order to create branch in remote (GitHub), use below command

$ git push origin <new-branch-name>

$ git push origin Stage

**DELETE BRACH**

**DELETING A BRANCH LOCALLY:**

**Switch to master (if not)**

$git checkout master

**Deleting branch locally**

**$git branch -d < branch-name>** 🡪 soft delete (if your branch changes are committed (or) no tracked / un-tracked files)

**$git branch -D <branch-name>** 🡪 force delete, through any changes are made in the working copy, branch will be deleted.

**DELETING A BRANCH REMOTELY**

$git push origin –-delete <new -branch-name>

$git push origin –-delete <feature>

Shot command for deleting

$git push origin :<new-branch-name>

$git push origin: feature

**get all change history of origin**

$ git fetch origin

**Update the current branch from its origin using a single command**

$ git pull origin

**List all local and remote branches of the current Git.**

$ git branch -a

**List only remote branches of the current Git.**

$ git branch -r

**rename branch in local**

$ git branch -m <old-branch-name> <new-branch-name>

**How can I know if a branch has been already merged into master?**

$ git branch –merged

lists branches merged in HEAD (i.e tip of current branch)

**Listing branches**

$ git branch 🡪 List local branches

$ git branch -v 🡪 List local branches verbose

$ git branch -a

$ git branch -all 🡪 List remote and local branches

$ git branch -av 🡪 list remote and local branches(verbose)

$ git branch -r 🡪 List remote branches

$ git branch -rv 🡪 List remote branches with latest commit

$ git branch --contains [commit-id] 🡪 List branches containing commit

$ git branch --merged master 🡪 lists branches merged into master

$ git branch --no-merged 🡪 Lists branches that have not been merged