DSA BOOTCAMP BY

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EP001-Git & Github

↳ git remote add origin \<url\>

  ↳ Adds the origin to our project.

↳ git push origin master

  ↳ Sends/upload our project files into remote origin.

↳ git branch \<branch-name\>

  ↳ creates a new branch.

↳ git checkout \<branch-name\>

  ↳ moves head to this branch.

↳ git merge \<branch-name\>

  ↳ merges this branch with main branch.

Note:-

Origin → our own account.

upstream → Account from which we forked the project.

  Downloading a copy of someone else's project.

↳ git remote add upstream \<url\>

  Adds upstream ~~origin~~ to our project.

pull request : Requesting project owner to merge the changed made into forked project with main branch.

Note:- Create a separate branch for each feature & make a pull request from there. (Recommended).

Note:- Never ever commit on a main branch.

↳ git push origin <branch-name> -f

      ↳ forces to push our files to this branch incase there is diffrece in commit history

↳ git fetch --all --prune

      fetches the changes made into main branch of upstream into main branch of my forked project in my account

↳ git reset --hard upstream m/main

      reset main branch of origin to the main branch of upstream

      Note :- checkout main of origin first.

↳ git pull upstream main → Does the same

↳ git rebase -i <commit id>

Gives option to either pick &
squash.

pick ↩
s ⎤→ these two will be merged
s ⎦    with above pre commit.
pick → separate commit

↳>> Merge conflicts:- If a change is made
to a same line of code by two
different people.

* It has to be resolved manually on
git hub by choosing which change
to keep and which to leave.