Commands in github

What is github and how it woirks with git

Remote branches,remote tracking branches and local tracking branches

Understanding upstreams and git clon

About github and git

Git- version control system

-manage code history

-tracking changes

Git hub- Larges dev platform

-Cloud housting and colabatory provider

-git repository hosting

How to exchanges info

Git remote add origin url(this links your project to the empty repository)

Git push to push our local data

Git pull- to pull info from github

Git remote origin url connects our repositories

More branches

Local branch=master branch

Git branch -a = remote tracking branch = a copy to the origin master branch

Remote branch=master branch

This is what happens when you do the git remote orgin url and the git pull origin master

Branch type overview

Local branch=on your machine

Remote branch=in github

Tracking branches= tracts braches

Local tracking branch= refrences a remote tracing branch and gets the lates changes from it

Git branch -a to get all local branches

Git branch-r to show remote branches

Git clone to bring from the remote repo to your local repo

Summery

Repository= local on git and remote on github and they talk to each other with git remote add origin url

Branches= local tracking or remote tracking on git and only remote on github, git branch –track branchname/orgin/branch name is local tracking branch. Use git pull or push to update the remote tracking branch

Why we use github

Single user=cloud storage and portfolio page

Multipule user= colaberation part of a company and contribusions to opensource projects

Different types of accounts in github

Personal= a personal one

Organization= shared account for people to colab

Enterprize = central management account, so a companies github account

The difference between a private and public colaberator is non exicstent, if you are not a colaberater the private repo will not be visible to you

If you own a repo you can limit the access to a colaberator

Read only access is not possible for a private account

Project

Work with git and github

Build via react js