Git & GITHUB.

Git Version Control System.

Version Control System is a tools that helps to track changes in code.

A Bank account → It has statement → Kab credit hua, Kub debit Hua, awit per kitna tax laga.

Version control puri project History track karta hai

Kab new file add hua, kub delete hua, kya update kiya, kya change kiya.

Why do we use Git & github -   1) to track the history.
→ 1) It is popular,   2) To colaborate.
In company - many people todne the work.
2) It is open & free.   Git is software -
3) It is scalable.
daste

Github →

Website that allows developers to store and manage their code using Git.
In folder way can be added. (Repository).

Create Repository.

engagement - shaadi-
↓
add → commit

ls -a to find all details.
status - display the state of the code   git status.
M it means modified the file.
modify-
untracked, modified, staged, unmodified.
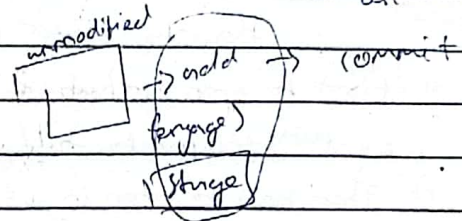
change / new file.
modified untracked.
↓
add (staged)
↓
commit (unchanged)

Add & Commit

add → adds new or changed files in your working directory to the.
Git staging are -

    git add <- file name. ->

unmodified → add → commit
(stage)

tracked.

commit → it is the record of change

    git commit -m "some message"

for 1 file to add → % git add index.html. ↵

       git status.

  new file : index.html. < Green color>

  modified : - Readme.md. → in red i.e. means we did not added
                                      ate.

       or to add this file → git add readme.md

  to add all the files (many files) → git add . [dot] ↵

to give commit → to give valid commit like fixed buggs.
       Add new button. to give meaning full msg

    git commit -m "Add new paragraph". ↵
It will show all the changed /status of files.

Push Command

push - upload local repo content to remote repo.

    git push origin main

28.16

    git. status -

Your branch is ahead of 'origin/main' by 1 commit. → maanity.
apne local system se hum 1 step aage hai . it will show old details.
So to add this all we use push.

    → The extension github wants to sign in using github
       [Cancel] [Allow]

your git hub will ask for permission. & make it authorised.

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How to start Project from git to V.S.

1) First to open github & make new repository as any name e.g- HTML self practise stuff. and create it with all details.

2) Then how to open in V.S. so first copy code & HTTPS [copy]

https://github.com/Pramodm5858/HTML self practise

then open V.S then make new folder & open terminal & to close here just type :→ git close paste here

git clone https://github.com/Pramodm5858/HTML self practise ↵

It will copy all the file here from github to V.S.