GIT (Version Control System) Free and open scalable. It’s a tool locally

Its nothing that but stores data as version control system -- bank statement/project history.

To track history / collaborate (different developers change)

GITHUB.com is a site where code can be saved as repository under github userid.

If repo can be shared then public can be viewed.

Login with github userid on github.com

Create a repo and provide a name, public and readme.md file.

Download and install git to local machine by vscode. And check with

git –version

Configure git using ------git config------- ONE TIME SETUP

git config --global user.name “Riyaz”

git config –global user.email “[riyaz75@yahoo.com](mailto:riyaz75@yahoo.com)”

git config –list (to check what is configured in git config)

**FIRST WAY to copy projects which is available on github so call this as GIT CLONE. (Github to local)**

For cloning need to provide a code available on github https link.

At local machine, type **git clone <https/ssh/ ---link>**

Git clone <https://github.com/riyaz75/sch_mgmt_proj.git> (link can get from github repo of code https)

Whatever code or file available on repo it will be copied to local machine.

**Git status to know the status of the folder.**

modified (any change in previous file need to commit in git),

untracked files (new file need to add in git),

So use **add** to stage in git, ready to **commit** will be next step

**git add . or got add filename** (This will bring to staged status means ready to commit)

commit means to make a record of changes like what, when such details to be documented.

**git commit – m “Added docs folder and files”**

After committing status will tell you that your local is ahead with extra commit and your github is pending the latest commit so need to **git push at remote (guthub repo)**

**git push origin main (Copy from local to github)**