Git and GitHub

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1. Basic commands for file navigation

1.1. listing files

1.1.1. Linux

- `ls` showing files in current directory or folder
- `ls -la` showing all files (includeing hidden) each in a single line

1.1.2. Windows

- `dir` to show files in current directory

1.2. create

- `mkdir foldername` create a folder with name = foldername
- `md foldername` in some shell md is also used as a sort form of `mkdir`
- `touch filename` will create a file on **Linux**

1.3. delete

- `rmdir foldername` used to remove empty folder
- `rm -rf foldername` used to delete folder and all its content ::Note: use it carefully bcz it will delete everything without any message or warning if typed incorrectly. Only use it when you are sure that you are deleting the right thing
- `rm filename` deletes a file on **linux**
- `del foldername` (**only windows**) deletes every content inside a folder leaving the exixtence of the folder

2. Steps to install git

2.1. Linux

2.1.1. Ubuntu

- `sudo apt install git`

2.2. Windows

- You can download the file from the [link](#) and install
- Or you can type `winget install --id Git.Git -e --source winget` in powershell or command prompt and you are goot to go.

2.3. Android

- Open termux and type the command-
- `pkg install git` or
- `apt install git` after successfull operation everything you need is installed, you can use all the commands below used in **git**

3. Git commands

- `git status` to check the status of repo at any time
- `git add filename` to track a single file
- `git add .` track all the changes in current folder

- `git commit -m "writer message"` file ready to commit and push
- `git push` it will upload all your changes to online git hosting plateform like **github**

4. Git workflow in just 3 commands

- `git add .` track all your changes
- `git commit -m "message"` commit your changes
- `git push` upload all your changes ::Note: You can use `git status` anytime to check what is happening in your repository.

5. References

5.0.1. [YouTube](#)

5.0.2. [GitHub playlist](#)

5.0.3. [Download Git](#)

5.0.4. [LearnToCode Resources](#)

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