Major Git commands(for group work)

➢ <u>Open terminal</u> (on vs code, gitbash, cmd).

<u>Navigate to your local working directory</u>

Using:

- "cd path/to/your/work/folder".

➢ <u>Initialize Git (if needed):</u> If your work folder is not already a Git repository
Using the command:
- "git init".

➢ <u>Add Remote Repository:</u> Add the GitHub repository as a remote to your local repository. Replace <repository-url> with the URL of the GitHub repository.
<u>U</u>sing the command:
- "git remote add origin <repository-url>"

➢ <u>Fetch and Checkout the New Branch:</u> Fetch the latest changes from the remote repository and checkout the newly created branch.
Using the following commands:
1. - "git fetch origin"
2. - "git checkout <your-branch-name>"

<u>Remark:</u> - Replace <your-branch-name> with the name of the newly created branch.

➢ <u>Add Your Work:</u> Add your work files to the staging area

Using the command:
- "git add ."

<u>NB:</u> - "git add ." if you want to add all files in you current directory

- "git add <name of the file> to add/stage a particular file

➢ <u>Commit Your Changes:</u> Commit your changes to the branch with a descriptive message

Use the command:
- "git commit -m "Your descriptive commit message here" "

<u>Push Your Changes:</u> Push your changes to the GitHub repository on the newly created branch

Use the command:
- "git push origin <your-branch-name>"

<u>Remark:</u> - Replace <your-branch-name> with the name of the newly created branch.

Summary(commands)

1. - git init
2. - git remote add origin <repository-url>
3. - git fetch origin
4. - git checkout <your-branch-name>
5. - git add .
6. - git commit -m "Your descriptive commit message here"
7. - git push origin <your-branch-name>