Git and GitHub Basics Workflow

A. Clone any public repository

1. Open terminal or command prompt.

2. Use the command:

   git clone https://github.com/username/repository-name.git

B. Create and modify a public repository

1. Create a new repository on GitHub with a README.md file.

2. Clone it to your machine:

   git clone https://github.com/yourusername/your-repo.git

3. Navigate to the repo folder:

   cd your-repo

4. Open README.md and update it with the purpose.

5. Save the file and commit the changes:

   git add README.md

   git commit -m "Updated README with repo purpose"

C. Configure Git username and email

1. Set global username:

   git config --global user.name "Your Name"

2. Set global email:

   git config --global user.email "your.email@example.com"

D. Pull README.md from repository

1. Make sure you're in the repository directory.

2. Use the command:

   git pull origin main

E. Edit README.md and create index.html

1. Edit the README.md file.

2. Create a new index.html file.

3. Add both files to staging:

   git add README.md index.html

F. Push changes using upstream

1. Commit the changes:

   git commit -m "Edited README and added index.html"

2. Push to GitHub with upstream:

   git push --set-upstream origin main