Steps for Git & Github

Step 1: Setup Git & SSH Key

1. Open Git Bash and check if Git is installed:

a. git --version

2. Configure Git (if not already configured):

a. git config --global user.name "2302031000133"

b. git config --global user.email "2302031000133@silveroakuni.ac.in"

3. Generate an SSH key:

a. ssh-keygen -t ed25519 -C "2302031000133@silveroakuni.ac.in"

4. Copy the SSH key to the clipboard:

a. cat ~/.ssh/id\_ed25519.pub

5. Go to GitHub → Settings → SSH and GPG keys → New SSH Key

6. Paste the key and click Add SSH Key.

Step 2: Create & Clone Git Repository

1. Go to GitHub → Create New Repository

2. Name it your enrollment number

3. Select Public/Private → Create Repository

4. Clone using SSH:

a. git clone [https://github.com](https://github.com/) vishaldholeriya23/2302031000133.git

5. Move into the repository:

a. cd 2302031000133

Step 3: Create Required Folders & Add Assignments

1. Create two folders:

a. mkdir Assignment\_1 Assignment\_2

2. Copy assignment files into respective folders.

3. Verify files:

a. ls

Step 4: Commit & Push to GitHub

1. Check Git status:

a. git status

2. Add files to staging:

a. git add .

3. Commit the changes:

a. git commit -m "first commit"

4. Push to GitHub:

a. git push origin main.