# 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 "2401031030008"
    b. git config --global user.email "2401031030008@silveroakuni.ac.in"
3. Generate an SSH key:
    a. ssh-keygen -t ed25519 -C "2401031030008@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 Vrushabh-patil-66/2401031030008.git /2401031030008.git
5. Move into the repository:
    a. cd 2401031030008

## 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