**Step-by-Step Git Commands Execution:**

**Initialize a Git repository:**

git init

Creates a new Git repository in the folder 24MCR059.

**Add a file to staging area:**

git add 24MCR059.txt

Adds 24MCR059.txt to the staging area.

**Commit the file:**

git commit -m “Added Personal Details”

Creates a commit with the message “Added Personal Details”

**Check Git status:**

git status

Shows that 24MCR059.txt has been modified but not staged.

**View commit log:**

git log

Displays the commit history (one commit at this point).

**Add remote GitHub repository:**

git remote add origin https://github.com/lavanyasantana-s/24MCR059

Links the local repository to a remote GitHub repo.

**Check current branch:**

git branch

Shows the current branch is master.

**Rename branch from master to main:**

git branch -M main

Renames the current branch to main.

**Set Git global config for email and username:**

git config --global user.email “lavanyasantanas@gmail.com”

git config --global user.name “ **lavanyasantana-s** “

Sets your global Git identity.

**Push code to remote repo for the first time:**

git push -u origin main

Pushes the main branch to GitHub and sets upstream tracking.











