**Module 11 – Version control – GIT**

**1.Git-HOL**

**1.Configured Git** – Set global username and email using:

git config --global user.name "Vedaprakash"

git config --global user.email [vedaprakashs007@gmail.com](mailto:vedaprakashs007@gmail.com)

**2.Set Notepad++ as Default Editor** – Configured Git to use Notepad++ for commit messages:

git config --global core.editor "notepad++ -multiInst -nosession"

**3.Created GitLab Repository** – Created a new project GitDemo in GitLab with README initialized.

**4.Initialized Local Repository** – Created a local GitDemo folder, ran git init.

**5.Added File to Repository** – Created welcome.txt with content, staged it using git add, and committed with git commit.

**6.Linked Local to Remote** – Connected local repository to GitLab using:

git remote add origin <repo-URL>

**7.Merged with Remote Main Branch** – Pulled changes from GitLab’s main branch using:

git pull origin main --allow-unrelated-histories

**8.Pushed Local Changes to GitLab** – Uploaded local commits to GitLab main branch using:

git push origin master:main

**9.Verified on GitLab** – Confirmed that welcome.txt appeared in the GitLab repository under the main branch.

**Practical Implementation**

**Output:**











