Task 1: Initialize a Git Repository

mkdir PortfolioWebsite cd

PortfolioWebsite

git init

Task 2: Create a New Branch for Feature Development git

checkout -b Contact-Form

Task 3: Commit Code with Message

touch index.html style.css

 git add .

git commit -m "Add index.html form feature and style.css"

Task 4: Pull Before Push to Avoid Conflicts

git remote add origin https://github.com/Jyothsna8-hub/PortfolioWebsite.git

git pull origin contact-form git push -u origin Contact-form

Task 5: Resolve Merge Conflicts and Push

git add style.css

git commit -m "Resolve merge conflicts in style.css"

git push

Task 6: Initializing and Committing a Project

mkdir ProjectName

cd ProjectName

git init

touch index.html style.css git

add .

git commit -m "Initial commit with basic structure"

Task 7: Connecting Local Repository to GitHub

git remote add origin https://github.com/Jyothsna8-hub/PortfolioWebsite.git

git branch -M main git push -u origin main

Task 8: Creating and Switching to a New Feature Branch

git checkout -b login-feature

Task 9: Temporarily Saving Work in Progress

git stash git checkout bug-fix git stash pop

Task 10: Merging Feature Branch into Main Branch

git checkout main git pull origin main git merge

login-feature git push origin main