

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/lalithaAmmu28/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/lalithaAmmu28/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
```