

Git Task with Answers

Task 1: Initialize a Git Repository

Answer:

```
cd PortfolioWebsite
```

```
git init
```

Task 2: Create a New Branch for Feature Development

Answer:

```
git checkout -b contact-form
```

Task 3: Commit Code with Message

Answer:

```
git add contact.html
```

```
git commit -m "Added Contact Us form"
```

Task 4: Pull Before Push to Avoid Conflicts

Answer:

```
git pull origin main
```

Task 5: Resolve Merge Conflicts and Push

Answer:

After fixing style.css

```
git add style.css
```

```
git commit -m "Resolved merge conflict in style.css"
```

```
git push origin main
```

Task 6: Initializing and Committing a Project

Answer:

git init

git add .

git commit -m "Initial commit"

Task 7: Connecting Local Repository to GitHub

Answer:

git remote add origin https://github.com/username/repo-name.git

git branch -M main

git push -u origin main

Task 8: Creating and Switching to a New Feature Branch

Answer:

git checkout -b login-feature

Task 9: Temporarily Saving Work in Progress

Answer:

git stash

Task 10: Merging Feature Branch into Main Branch

Answer:

git checkout main

git merge login-feature