

DAY -1 ASSIGNMENT (GIT)

Task 1: Initialize a Git Repository

```
mkdir gitrepo
```

```
cd gitrepo
```

```
git init
```

Task 2: create a New Branch for Feature Development

```
git branch -b contact Us
```

```
git checkout contact Us
```

Task 3: Commit Code with Message

```
vi index.html
```

```
git add .
```

```
git commit -m "Add Contact Us form to the site"
```

Task 4: Pull Before Push to Avoid Conflicts

```
git pull origin contact Us
```

Task 5: Resolve Merge Conflicts and Push

Open the conflicted file manually resolve the conflict.

```
git add style.css
```

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

```
git push origin contact Us
```

Task 6: Initializing and Committing a Project

```
git init
```

```
git add .
```

```
git commit -m "Initial commit"
```

Task 7: Connecting Local Repository to GitHub

```
git remote add origin https://github.com/yourusername/your-repo.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
```

Task 10: Merging Feature Branch into Main Branch

```
git checkout main
```

```
git merge
```

```
git diff main<feature-branch-name>
```