

DAY-1-ASSIGNMENT (GIT)

Task 1: Initialize a Git Repository

Command:

```
bash  
Copy code  
git init
```

Task 2: Create a New Branch for Feature Development

Commands:

```
bash  
Copy code  
git branch contact-form  
git checkout contact-form  
Or:  
bash  
Copy code  
git checkout -b contact-form
```

Task 3: Commit Code with Message

Commands:

```
bash  
Copy code  
git add .  
git commit -m "Add Contact Us form to the site"
```

Task 4: Pull Before Push to Avoid Conflicts

Command:

```
bash  
Copy code  
git pull origin <branch-name>  
(Replace <branch-name> with the current branch, e.g., main or contact-form.)
```

Task 5: Resolve Merge Conflicts and Push

Steps:

1. Open the conflicted file (style.css), manually resolve the conflict.
 2. Then:
bash
Copy code
git add style.css
git commit -m "Resolve merge conflict in style.css"
git push origin <branch-name>
-

Task 6: Initializing and Committing a Project

Commands:

bash
Copy code
git init
git add .
git commit -m "Initial commit"

Task 7: Connecting Local Repository to GitHub

Commands:

bash
Copy code
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

Command:

bash
Copy code
git checkout -b login-feature

Task 9: Temporarily Saving Work in Progress

Command:

bash
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git stash

Task 10: Merging Feature Branch into Main Branch

Commands:

bash

Copy code

git checkout main

git merge <feature-branch-name>

To inspect changes before merging:

bash

Copy code

git diff main <feature-branch-name>