1. Open **Git Bash**.
2. Navigate to the extracted folder:

GIT bash

cd /c/git-workshop-template

3. Initialize the folder as a Git repository:

bash

git init

Step 3: Set Up Git User Configuration

1. Set your username:

bash

git config --global user.name "Your Name"

2. Set your email:

bash

git config --global user.email "your-email@example.com"

Step 4: Connect to GitHub

1. Create a new repository on GitHub (e.g., git-workshop).
2. Add the GitHub repository as the remote:

bash

git remote add origin https://github.com/your-username/git-workshop.git

---

Step 5: Commit Initial Changes

1. Add all files to Git tracking:

bash

git add .

2. Commit the changes:

bash

git commit -m "Initial commit with workshop template"

Step 6: Push to GitHub

Push the repository to the GitHub remote:

bash

git branch -M main

git push -u origin main

Step 7: Use the Template for Tasks

Scenario 1: Creating a Branch for a Task

1. Create a new branch for a specific task (e.g., Task 1):

bash

git checkout -b feature/task1

2. Make the necessary changes (e.g., fixing bugs or adding content).
3. Add, commit, and push the changes:

bash

git add .

git commit -m "Fix divide-by-zero bug"

git push origin feature/task1

Scenario 2: Submitting a Pull Request

1. Go to the GitHub repository page.
2. Create a **Pull Request** for the feature/task1 branch into the main branch.
3. Wait for a team member to review and merge the PR.

Scenario 3: Sync Changes

1. If changes are made in the main branch, sync them with your local repository:

bash

git pull origin main

Common Git Commands

- Check the status of your repository:

bash

git status

- View commit history:

bash

git log --oneline

- Switch between branches:

bash

git checkout branch-name