

Task 1: Repository Setup

1. GitHub Repository Creation

1. Log in to your GitHub account.
2. Click the + icon in the top right corner and select "New repository".
3. Name the repository PLPBasicGitAssignment.
4. Check the box to initialize the repository with a README file.
5. Click "Create repository".

Task 2: Local Setup

2. Local Folder Setup

1. Create a new folder on your local machine:

```
mkdir PLPBasicGitAssignment
```

2. Navigate to the created folder:

```
cd PLPBasicGitAssignment
```

3. Git Initialization

1. Initialize a new Git repository in your local folder:

```
git init
```

4. Connecting to GitHub

1. Link your local repository to the GitHub repository:

```
git remote add origin https://github.com/yourusername/PLPBasicGitAssignment.git
```

Replace `https://github.com/yourusername/PLPBasicGitAssignment.git` with the actual URL of your GitHub repository.

Task 3: Making Changes

5. Create a File

1. Inside your local folder, create a new text file:

```
echo "Hello, Git!" > hello.txt
```

6. Committing Changes

1. Stage the changes:

```
git add hello.txt
```

2. Commit the changes:

```
git commit -m "Add hello.txt with a greeting"
```

Task 4: Pushing to GitHub

7. Pushing to GitHub

1. First, fetch and merge any remote changes to avoid conflicts:

```
git pull origin main --allow-unrelated-histories
```

2. Push the committed changes to your GitHub repository:

```
git push -u origin main
```

Task 5: Verification

8. Verify on GitHub

1. Visit your GitHub repository in a web browser and confirm that the hello.txt file and commit message are visible.