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Hands-On Assignment: Basic Git And GitHub Workflow

Objective:

The objective of this assignment is to familiarize students with the basic workflow of creating a GitHub repository, connecting it to a local folder, and making commits and pushes.

Requirements:

- A GitHub account (create one if you don't have it already).
- Git installed on your local machine.
- A code editor of your choice (e.g., Visual Studio Code, Sublime Text).

Task 1: Repository Setup

1. GitHub Repository Creation:

- Log in to your GitHub account.
- Create a new repository on GitHub (let's call it "PLPBasicGitAssignment").
- Initialize it with a README file.

Task 2: Local Setup

2. Local Folder Setup:

- Create a new folder on your local machine (e.g., "PLPBasicGitAssignment").
- Open a terminal or command prompt and navigate to the created folder.

3. Git Initialization:

- Initialize a new Git repository in your local folder.

4. Connecting to GitHub:

- Link your local repository to the GitHub repository you created in Task 1.

...

```
git remote add origin <repository-url>
```

...



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- Add a simple text message (e.g., "Hello, Git!").

6. Committing Changes:

- Stage the changes.

```
``bash
git add hello.txt
``
```

- Commit the changes.

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

Task 4: Pushing to GitHub

7. Pushing to GitHub:

- Push the committed changes to your GitHub repository.

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

Task 5: Verification

8. Verify on GitHub:

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

Submission:

- Ensure all changes are pushed to your GitHub repository.
- Share the link to your GitHub repository with the instructor or submit it as per the class instructions.

Additional Tips:

- Document the steps and commands used in a text file or in the README of your repository.
- If you encounter issues, refer to the GitHub documentation or seek assistance from peers or the instructor.

This assignment is a basic introduction to the Git and GitHub workflow, emphasizing



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