

Hands-On Assignment: Basic Git And GitHub Workflow

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.

github.com/new

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner * / Repository name *

BonnieMakhale / PLPBasicGitAssignment

PLPBasicGitAssignment is available.

Great repository names are short and memorable. Need inspiration? How about [studious-telegram](#) ?

Description (optional)

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:

☒ Add a README file
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

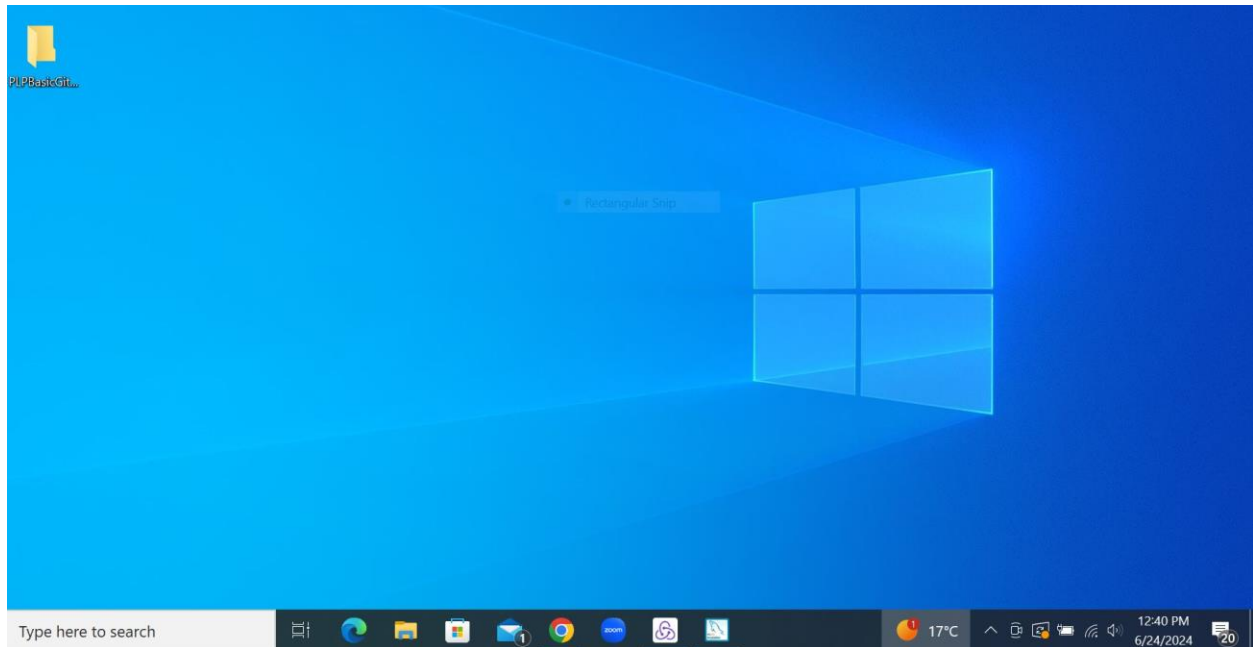
Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

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>
```

```

Replace ``<repository-url>`` with the actual URL of your GitHub repository.

Task 3: Making Changes

5. Create a File:

- Inside your local folder, create a new text file (e.g., ``hello.txt``).
- Add a simple text message (e.g., "Hello, Git!").

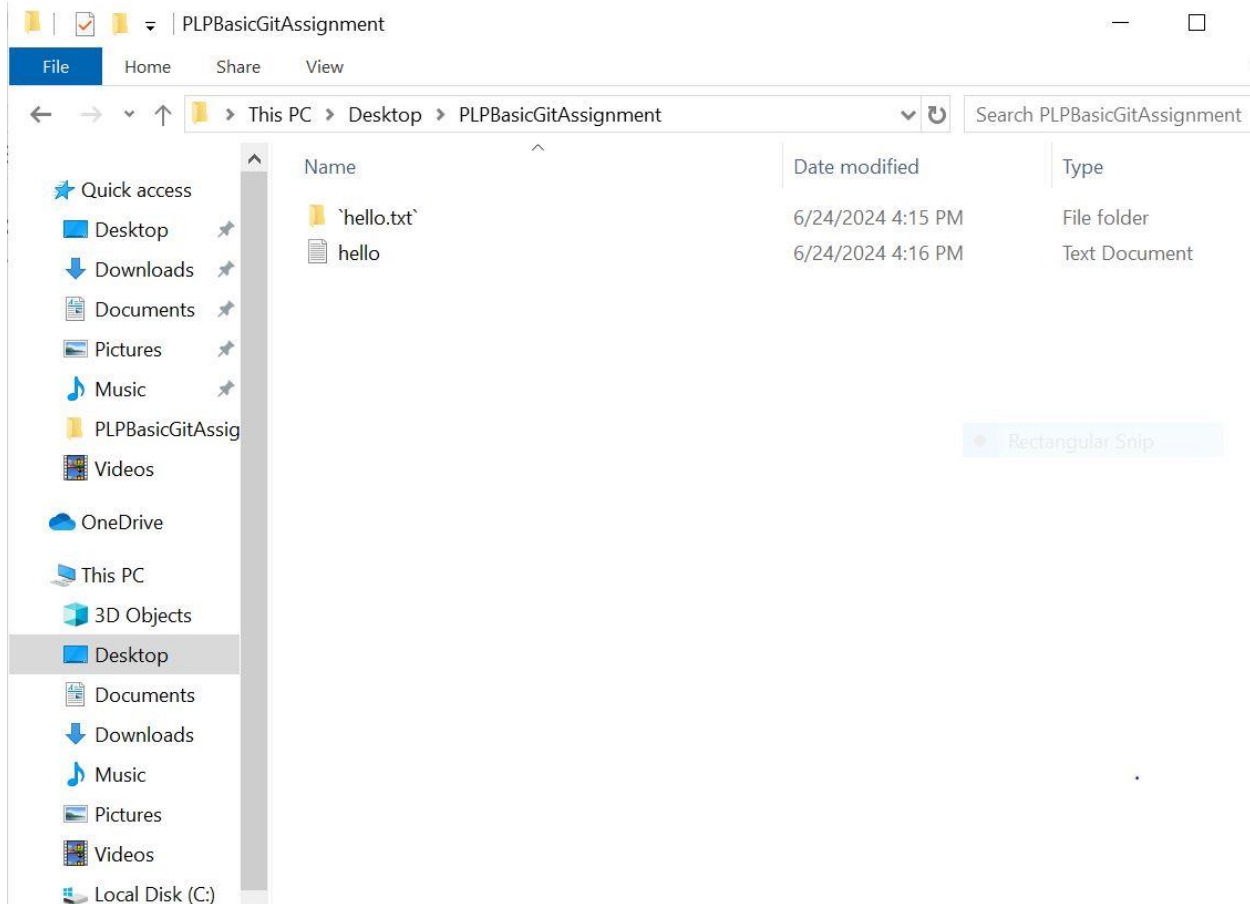
6. Committing Changes:

- 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
```

```
```
```

```
MINGW64/c:/Users/Bontle Makhale/Desktop/PLPBasicGitAssignment
Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ git innit
git: 'innit' is not a git command. See 'git --help'.

The most similar command is
  init

Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ git init
Reinitialized existing Git repository in C:/Users/Bontle Makhale/Desktop/PLPBasicGitAssignment/.git/

Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ git add hello.txt

Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ git commit -m "Add hello.txt with a greeting"
On branch master
nothing to commit, working tree clean

Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/BonnieMakhale/PLPBasicGitAssignment.git'

Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/BonnieMakhale/PLPBasicGitAssignment.git'

Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ ""bash
git push -u origin main
...

Bontle Makhale@DESKTOP-IGSM30M MINGW64 ~/Desktop/PLPBasicGitAssignment (master)
$ |
```

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.