

## **HANDS ON ASSIGNMENT: BASIC GITHUB AND GIT WORKFLOW**

### **Task 1: Repository setup**

*Login to your GitHub account, create a new repository (PLPBasicGitAssignment) initialize it with a readme file.*

#### **Login to GitHub**

- Open your web browser and navigate to [GitHub](https://github.com).
- Log in to your GitHub account.

#### **Create a New Repository**

- Click the “+” icon in the top right corner and select “New repository”.
- Name your repository PLPBasicGitAssignment
- Check the box to “Initialize this repository with a README file”.
- Click “Create repository”

### **Task 2: Local Setup:**

*Create a new folder on your local machine e.g. PLPBasicGitAssignment, open a terminal or command prompt and navigate to the created folder.*

#### **Create a New Folder**

- On your local machine, create a new folder named PLPBasicGitAssignment.
- Open a terminal or command prompt.
- Navigate to the newly created folder using the command in git bash:
- cd c:/documents/academy/ PLPBasicGitAssignment

### **3.Git Initialization:**

*Initialize a new git repository.*

Initialize a new Git repository in your folder using the command git init

#### **4.Connecting to GitHub:**

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

*‘git remote add origin <repository-URL>’*

*Replace with the actual URL of your GitHub repository*

git remote add origin

[https://github.com/YOUR\\_USERNAME/PLPBasicGitAssignment.git](https://github.com/YOUR_USERNAME/PLPBasicGitAssignment.git)

#### **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!’*

Adding a simple text to the file.

Hello Git!

##### **6.committing changes:**

*Stage the changes ‘git commit -m “Add hello.txt with a greeting”’*

Setting the changes and committing them;

git add hello.txt

git commit -m “Add hello.txt with a greeting”

#### **Task 4: Pushing to GitHub:**

*7.Push the committed changes to your GitHub repository ‘git push -u origin main’*

Pushing the changes 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 changes are visible.*

#### **References:**

PDF’S from the LMS portal from Power Learning Project Academy.

