

# Homework Assignment: Create Your Own Personal Blog with Git

Hi everyone,

Great job in today's session! For your homework, you'll be working on an exciting project: creating your own personal blog using Git. This project will help reinforce the Git commands and workflows we covered today.

## Project: My Personal Blog

Let's create a project for your personal blog.

### Instructions:

#### 1. Setup:

1) Create a folder : my personal blog

2) Open in vscode

3) Open terminal and initialise git :

*git init*

#### 2. Creating file:

1) Create a new file *blogs.txt*

2) Paste this in the file:

*My Personal Blog!*

*Welcome to my personal blog where I share my thoughts and experiences.*

3) Add files to git staging area:

*git add blogs.txt*

**4) Commit changes :** *git commit -m "Initial commit: Added blogs file"*

### **3. Add and Commit :**

1) Create a file named post1.txt and paste the content below:

*My First Blog Post*

1. *Today, I started my personal blog! I am excited to share my thoughts and experiences with the world.*
2. *What I Learned:*
3. *The importance of version control*
4. *How to initialize a Git repository*
5. *How to add and commit changes*
6. *Stay tuned for more posts!*

2) Once again Add and commit :

*git add post1.txt*

*git commit -m "Added first blog post"*

### **3) Adding one more file and making a commit :**

1. Create a file post2.txt
2. Paste the content below in the file:

## **My Second Blog Post**

1. Today, I learned more about Git and its powerful features.
2. What I Learned:
3. How to make and revert changes
4. How to reset commits
5. Looking forward to exploring more!

**Now add this file and create a new commit with message: Added second blog post**

#### **4.Creating Branches:**

Let's create a branch for tech related posts:

For creating a branch and switching to it paste this code in terminal and run:

*git branch tech-posts*

*git switch tech-posts*

#### **5. Making changes in the branch:**

1)Create a file named techpost1.txt and paste the content below in it:

*My First Tech Post*

1. *Today, I delved into the world of programming and technology.*
2. *Topics Covered:*
3. *- Basics of programming*
4. *- Introduction to version control*
5. *Excited to share more tech insights!*

**Now add this file and create a new commit with message: Added first techpost**

## **6.Making few more changes to branch changes in the branch:**

Create a new file techpost2.txt. Use your creativity and write something in this file. Now add and commit this too!

## **7.Switching Branches:**

Let's switch again to the master branch:

*git switch master*

## **8.Merging Branches:**

Let's merge the tech-posts branch with master branch:

*git merge tech-posts*