***Assignment 1:*** *Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.*

***Step 1: Create a new directory***

*Open your terminal/command prompt and create a new directory (folder) where you want to initialize your Git repository.*

*Bash*

*mkdir my-git-repo*

*Replace my-git-repo with your desired directory name.*

***Step 2: Navigate to the new directory***

*Bash*

*cd my-git-repo*

***Step 3: Initialize a new Git repository***

*Bash*

*git init*

*You should see a confirmation message indicating that an empty Git repository has been initialized.*

***Step 4: Create a simple text file***

*Bash*

*touch hello.txt*

*Alternatively, you can create the file using a text editor.*

***Step 5: Add content to the text file***

*You can add some text to hello.txt using a text editor or the following command:*

*Bash*

*echo "Hello, World!" >> hello.txt*

***Step 6: Check the repository status***

*Bash*

*git status*

*This command will show you the files that are not yet tracked by Git.*

***Step 7: Add the file to the repository***

*Bash*

*git add hello.txt*

***Alternatively, you can add all files in the directory using:***

*Bash*

*git add .*

***Step 8: Make the first commit***

*Bash*

*git commit -m "Initial commit: Added hello.txt"*

*Replace the commit message with your desired text.*

*Congratulations! You have successfully initialized a new Git repository, added a file, and made the first commit.*

***Verify the commit history using:***

*Bash*

*git log*