

**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.**

**Solution:**

**1. Create a new directory:**

Open your terminal and navigate to the directory where you want to create your new project directory. Use the `mkdir` command to create a new directory.

For example, to create a directory named `my_git_project`: **`mkdir my_git_project`**

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

Change into the newly created directory using the `cd` command:

**`cd my_git_project`**

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

Use the `git init` command to initialize a new Git repository in this directory: **`git init`**

**4. Create a new text file:**

Create a simple text file using a text editor of your choice. For instance, to create a file named `example.txt` and add some content to it, you can use `echo`:

**`echo "This is my first file in the Git repository." > example.txt`**

**5. Add the file to the staging area:**

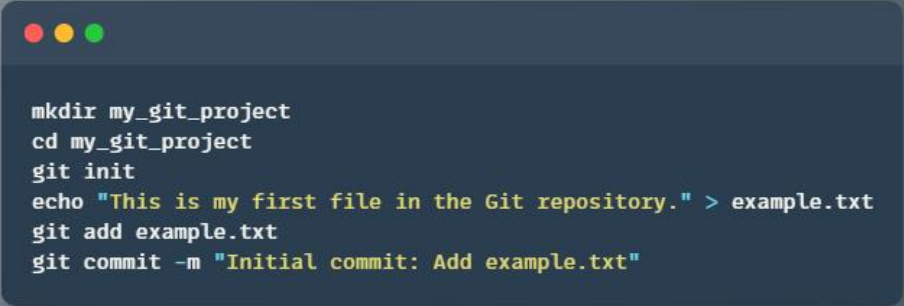
Use the `git add` command to add the new file to the staging area:

**`git add example.txt`**


**6. Make the first commit:**

Use the `git commit` command to commit the changes to the repository. Add a commit message with the `-m` option:

**`git commit -m "Initial commit: Add example.txt"`**



```
mkdir my_git_project
cd my_git_project
git init
echo "This is my first file in the Git repository." > example.txt
git add example.txt
git commit -m "Initial commit: Add example.txt"
```

 **Shobhit Yadav**  
✕