

Assignment 1

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Initialise 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: Open your terminal

Step 2: Navigate to the directory of your choice

```
mkdir my_new_repo
```

```
cd my_new_repo
```

Step 3: Initialize a new Git repository

```
git init
```

Step 4: Create a simple text file

```
echo "Hello, Git!" > example.txt
```

Step 5: Add the text file to the repository

```
git add example.txt
```

Step 6: Make the first commit

```
git commit -m "Initial commit with example.txt"
```

Assignment 2

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Branch Creation and Switching

Create a new branch named 'feature' and switch to it. Make changes in the 'feature' branch and commit them.

Step 1: Ensure you are in the repository directory

Step 2: Create a new branch named 'feature'

```
git branch feature
```

Step 3: Switch to the 'feature' branch

```
git checkout feature
```

Step 4: Make changes in the 'feature' branch

```
echo "This is a new feature." >> example.txt
```

Step 5: Add the changes to the staging area

```
git add example.txt
```

Step 6: Commit the changes

```
git commit -m "Added a new feature line to example.txt"
```