***Assignment 2:*** *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: Create a new branch***

*Create a new branch named 'feature' from the current branch (master):*

*Bash*

*git branch feature*

***Step 2: Switch to the 'feature' branch***

*Bash*

*git checkout feature*

***Alternatively, you can use the newer git switch command:***

*Bash*

*git switch feature*

***Step 3: Make changes in the 'feature' branch***

*Open hello.txt in a text editor and add some new content:*

*Hello, World!*

*This is the feature branch.*

***Alternatively, you can use the following command:***

*Bash*

*echo "This is the feature branch." >> hello.txt*

***Step 4: Check the repository status***

*Bash*

*git status*

***Step 5: Add and commit changes***

***Stage the changes:***

*Bash*

*git add hello.txt*

***Or stage all changes:***

*Bash*

*git add .*

***Commit the changes:***

*Bash*

*git commit -m "Updated hello.txt in feature branch"*

***Step 6: Verify the commit history***

*Bash*

*git log*