Hands-on 3: Branching and Merging

* 1. Navigate to your Git repository folder:

cd path/to/your/repo

* 2. Check if Git is initialized:

git status

* If not, initialize it using:

git init

* 3. Stage and commit your existing file (if not done yet):

git add welcome.txt  
git commit -m "Initial commit with welcome.txt"

* 4. Create a new branch:

git branch GitNewBranch

* OR directly switch to it:

git checkout -b GitNewBranch

* 5. Add a new file on the branch:

echo "This is from GitNewBranch" > branch\_file.txt

* Stage and commit the new file:

git add branch\_file.txt  
git commit -m "Add branch\_file.txt from GitNewBranch"

* 6. Switch back to the master branch:

git checkout master

* 7. Merge the new branch into master:

git merge GitNewBranch