## **ASSIGNMENT 2**

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 Named 'feature'

2 Create a new branch by typing the following command:

git branch feature

Step 2: Switch to the 'feature' Branch

2 Switch to the newly created 'feature' branch using the checkout command:

git checkout feature

Step 3: Verify You Are on the 'feature' Branch

1. Confirm that you have switched to the 'feature' branch by typing:

git branch

Step 4: Make Changes in the 'feature' Branch

1. Open any file in your repository and make some changes. For example, you can edit

README.md and add a new line.

# README This is a new feature in the 'feature' branch.

Step 5: Add the Changes to the Staging Area

1. Use the git add command to stage your changes:

git add README.md

## Step 6: Commit the Changes

Commit the changes with a descriptive message:

git commit -m "Added new feature in the 'feature' branch" git push origin feature

## MINGW64:/d/gitdemo

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NN MINGW64 /d/gitden
                                                  o (master)
 echo "this is my first commit" >README.txt
Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (master)
$ git add README.txt
warning: in the working copy of 'README.txt', LF will be replaced by CRLF the ne
xt time Git touches it
Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (master)
$ git add .
Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (master)
$ git status
On branch master
No commits yet
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
new file: README.txt
Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (master)

$ git commit -m "this is my first commit"
[master (root-commit) a10396d] this is my first commit

2 files changed, 2 insertions(+)
create mode 100644 README.txt
 create mode 100644 helloworld.txt
 Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (master)
$ git branch
  master
Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (master)
$ git checkout -b sahbaz
Switched to a new branch 'sahbaz'
Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (sahbaz)
$ git checkout sahbaz
Already on 'sahbaz'
Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (sahbaz)
$ git branch
  master
  sahbaz
 Compact@DESKTOP-NED77NN MINGW64 /d/gitdemo (sahbaz)
```



