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Topic – Git/Github Assignment: 02

Batch - DATACOM+5G Dev

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### **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.

**Solution :** To create a new branch :

1. Open the command prompt or Git Bash and navigate to the Git repository.
2. Create a new branch named feature using:

- ***git branch feature***

```
MINGW64:/c/Users/VIKAS SRIVASTAVA/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (main)
$ git branch feature
```

3. Switch to the feature branch using:

- ***git checkout feature***

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (main)
$ git checkout feature
Switched to branch 'feature'
```

4. Make changes in the feature branch by editing an existing file or creating a new file (for example, update name.txt).

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (feature)
$ cat >> new.txt
File added to feature branch
```

5. Add the modified files to the staging area:

- ***git add .***

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (feature)
$ git add .
```

6. Commit the changes in the feature branch:

- ***git commit -m "Changes added in feature branch"***

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (feature)
$ git commit -m "File added in feature branch"
[feature 66203bf] File added in feature branch
 1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 new.txt
```