

Semester	T.E. Semester V – INFT
Subject	DevOps Lab
Laboratory Teacher:	Prof. Rohit Barve
Laboratory	CC02

Student Name	Ankita santosh Pilvilkar	
Roll Number	22101B2003	
Grade and Subject Teacher's Signature		

Experiment Number	02	
Problem Statement	Github commands	
Resources / Apparatus Required	Hardware: Desktop/Laptop	Software:

Output:

1. Git branch

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git branch
* master
```

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git branch b1

Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git branch b2
```

2. Git branch -d [branch name]

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git branch -d b1
Deleted branch b1 (was 3dcd22b).
```

3. Git checkout [branch name]

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git checkout b2
Switched to branch 'b2'

Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (b2)
$ |
```

4. Git checkout -b [branch name]

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (b2)
$ git checkout -b b3
Switched to a new branch 'b3'

Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (b3)
$ |
```

5. Git merge

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (b3)
$ git merge b2 b3 master
Already up to date.
```

6. Git remote

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (b3)
$ git remote add origin https://github.com/ankita044/DevOps-lab.git
```

7. Git push

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (b3)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 409 bytes | 409.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/ankita044/DevOps-lab.git
* [new branch]      master -> master
```

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (b3)
$ git push --all origin
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ankita044/DevOps-lab.git
* [new branch]      b2 -> b2
* [new branch]      b3 -> b3
```

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git fetch origin master:tmp
```

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git rebase tmp
Current branch master is up to date.
```

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git branch -D tmp
Deleted branch tmp (was be02af3).
```

8. Git pull

```
Ankita@DESKTOP-SJB0IRO MINGW64 ~/OneDrive/Desktop/DevOps1 (master)
$ git pull origin b2
From https://github.com/ankita044/DevOps-lab
* branch            b2            -> FETCH_HEAD
Already up to date.
```

