Semester	T.E. Semester V – Information Technology Engineering
Subject	DevOps Lab
Subject Professor In-charge	Prof. Rohit Barve
Assisting Teachers	-
Laboratory	-

Student Name	Ayush Tripathi	
Roll Number	20101B0019	
Grade and Subject Teacher's Signature		

Experiment Number	2
Output	

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        first.txt

nothing added to commit but untracked files present (use "git add" to track)
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git add .
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git commit -m "master commit 1"
[master (root-commit) 30812f3] master commit 1
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 first.txt
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git checkout -b branch1
Switched to a new branch 'branch1'
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git status
On branch branch1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        b1-first.txt

nothing added to commit but untracked files present (use "git add" to track)
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git add .
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git commit -m "branch 1 commit 1"
[branch1 29e6a1b] branch 1 commit 1
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 b1-first.txt
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git status
On branch branch1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        b1-second.txt

nothing added to commit but untracked files present (use "git add" to track)
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git add .
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git commit -m "branch 1 commit 2"
[branch1 c412845] branch 1 commit 2
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 b1-second.txt
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git checkout master
Switched to branch 'master'
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git merge branch1
Updating 30812f3..c412845
Fast-forward
 b1-first.txt  | 0
 b1-second.txt | 0
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 b1-first.txt
 create mode 100644 b1-second.txt
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git checkout -b branch2
Switched to a new branch 'branch2'
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git status
On branch branch2
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        b2-first.txt

nothing added to commit but untracked files present (use "git add" to track)
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git add .
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git commit -m "branch 2 commit 1"
[branch2 f31e44f] branch 2 commit 1
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 b2-first.txt
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git status
On branch branch2
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        b2-second.txt

nothing added to commit but untracked files present (use "git add" to track)
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git add .
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git commit -m "branch 2 commit 2"
[branch2 17c4e0b] branch 2 commit 2
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 b2-second.txt
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git checkout master
Switched to branch 'master'
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git merge branch2
Updating c412845..17c4e0b
Fast-forward
 b2-first.txt  | 0
 b2-second.txt | 0
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 b2-first.txt
 create mode 100644 b2-second.txt
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git remote add origin https://github.com/ayush-t02/
devops-exp2.git
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git push origin master
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (11/11), 991 bytes | 495.00 KiB/s, done.
Total 11 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/ayush-t02/devops-exp2.git
 * [new branch]      master -> master
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2>
```

| | ```
PS D:\Experiments VIT\Sem 5\DevOps\Experiment 2> git log
commit 17c4e0b6a038c017fac878ac06ca340c162ac5b2 (HEAD -> master, origin/master, branch2)
Author: Ayush Tripathi <tripathiayush23@gmail.com>
Date:   Thu Aug 4 00:40:55 2022 +0530

    branch 2 commit 2

commit f31e44f4495700d0239c247e4ad00f5015d7fbe3
Author: Ayush Tripathi <tripathiayush23@gmail.com>
Date:   Thu Aug 4 00:39:47 2022 +0530

    branch 2 commit 1

commit c412845ab62e938a70e16bf5339b7f9c1e5c6c5f (branch1)
Author: Ayush Tripathi <tripathiayush23@gmail.com>
Date:   Thu Aug 4 00:37:20 2022 +0530

    branch 1 commit 2

commit 29e6a1bb545cc49978da1b7ad1f424019e7bb856
Author: Ayush Tripathi <tripathiayush23@gmail.com>
Date:   Thu Aug 4 00:35:49 2022 +0530

    branch 1 commit 1
``` |
| Conclusion | Git commands were successfully executed. |