

Experiment No. 1.2

Student Name: Rishav Kumar

Branch: MCA - CCD

Semester: III

Subject Name: DevOps Process Automation Lab

UID: 22MCC20039

Section/Group: MCD-1/ Grp A

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Subject Code: 22CAP-745

1. Aim/Overview of the practical:

- Create a new file named UID_Name.txt in your local repo and add some content in the file and push it to the remote repository.
- Manage to create a two new branches using Git. Two branches must be named as your UID and Name respectively.
- Now, after creating branches, UID_Name.txt file must be available in Branch UID. Make some changes in the file present in Branch UID.
- After this, come back to your Master branch and merge the file with Branch UID file. If you face any conflicts, remove it.
- Create a new file named as Name.txt in Branch Name. Now try to merge it with Branch UID file. Will it be merged or not? show after implementing it.

Code for practical:

- Open command prompt or git bash.
- Create a folder using command `mkdir 22MCC20039`
- Change directory using `cd 22MCC20039`
- Add remote repo using command `git remote add origin https://github.com/Rishav518/22MCC20039.git`
- Pull main repo using `git pull origin main`
- Add a new file push it to repo after adding to git using

`notepad secondfile.py`

`git add secondfile.py`

`git commit -m "Second file added"`

- Create a new branch using `git branch master`

```
mkdir rishav
cd rishav
git init
git remote add origin https://github.com/Rishav518/22MCC20039.git
git pull origin main
notepad secondfile.py
git add secondfile.py
git commit -m "Second file added"
git push -u origin main
git push -u origin master
```

- Go to to other branch use command, `git checkout [branchName]`
- Push main and master branches

`git push -u origin main`

`git push -u origin master`

- Now, merge branches using `git merge master`
- Now pull repo using pull command `git pull origin master`
- You can view the changes in Github.com

***** **THE END** *****