Name – Tejas Sanjay Karekar
Roll No. – 268
Div – B5

Install Git and configure it with your username and email:

Initialize a Git repository:

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create new repository

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Make changes:


```
tejas@tejas:~/MyProject/devopsprac$ git pull origin main
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 988 bytes | 988.00 KiB/s, done.
From https://github.com/TejasKarekar/devopsprac
 * branch            main        -> FETCH_HEAD
   766798f..073cfb8  main        -> origin/main
Updating 766798f..073cfb8
Fast-forward
 demo.txt | 1 +
 1 file changed, 1 insertion(+)
tejas@tejas:~/MyProject/devopsprac$
```

Create a new branch:


```
tejas@tejas:~/MyProject/devopsprac$ git branch
* main
tejas@tejas:~/MyProject/devopsprac$ git branch devops
tejas@tejas:~/MyProject/devopsprac$ git branch
  devops
* main
tejas@tejas:~/MyProject/devopsprac$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
tejas@tejas:~/MyProject/devopsprac$ git add .
tejas@tejas:~/MyProject/devopsprac$ git commit -m "created new branches"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
tejas@tejas:~/MyProject/devopsprac$ git push origin main
Everything up-to-date
tejas@tejas:~/MyProject/devopsprac$ git branch
  devops
* main
tejas@tejas:~/MyProject/devopsprac$ git checkout devops
Switched to branch 'devops'
tejas@tejas:~/MyProject/devopsprac$ git branch
* devops
  main
tejas@tejas:~/MyProject/devopsprac$ git add .
tejas@tejas:~/MyProject/devopsprac$ git commit -m "add branch"
On branch devops
nothing to commit, working tree clean
tejas@tejas:~/MyProject/devopsprac$ git push origin devops
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'devops' on GitHub by visiting:
remote:      https://github.com/TejasKarekar/devopsprac/pull/new/devops
remote:
To https://github.com/TejasKarekar/devopsprac
 * [new branch]      devops -> devops
tejas@tejas:~/MyProject/devopsprac$
```

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check git hub account add new branch:

```
tejas@tejas:~/MyProject/devopsprac$ git status
On branch devops
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        demo2.txt

nothing added to commit but untracked files present (use "git add" to track)
tejas@tejas:~/MyProject/devopsprac$ git add .
tejas@tejas:~/MyProject/devopsprac$ git commit -m "added a file"
[devops c15105f] added a file
 1 file changed, 1 insertion(+)
 create mode 100644 demo2.txt
tejas@tejas:~/MyProject/devopsprac$ git push origin devops
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 340 bytes | 340.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/TejasKarekar/devopsprac
   073cfb8..c15105f  devops -> devops
tejas@tejas:~/MyProject/devopsprac$ git status
On branch devops
nothing to commit, working tree clean
```

Delete Branch:

```
tejas@tejas:~/MyProject/devopsprac$ git checkout -b newbranch
Switched to a new branch 'newbranch'
tejas@tejas:~/MyProject/devopsprac$ git status
On branch newbranch
nothing to commit, working tree clean
tejas@tejas:~/MyProject/devopsprac$ git branch -D devops
Deleted branch devops (was c15105f).
tejas@tejas:~/MyProject/devopsprac$
```

Merge-

```
tejas@tejas:~/MyProject/devopsprac$ git merge origin/devops
Updating 073cfb8..c15105f
Fast-forward
 demo2.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 demo2.txt
tejas@tejas:~/MyProject/devopsprac$ git push origin --delete devops
To https://github.com/TejasKarekar/devopsprac
 - [deleted]         devops
tejas@tejas:~/MyProject/devopsprac$
```