



# DevOPs Hackathon-2021

## INSTRUCTION - 1

```
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ nano PRG1.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ nano PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git init
Initialized empty Git repository in /home/viswanadhaavinash/Desktop/Team 6/.git/
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git add .
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git commit -m"Added two Files"
[master (root-commit) e90f3be] Added two Files
 2 files changed, 4 insertions(+)
 create mode 100644 PRG1.txt
 create mode 100644 PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git branch -M main
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git remote add origin https://github.com/avinashtechlvr/Devops.git
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git push -u origin main
Username for 'https://github.com': avinashtechlvr
Password for 'https://avinashtechlvr@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 319 bytes | 319.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To https://github.com/avinashtechlvr/Devops.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ nano PRG1.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git add PRG1.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git commit -m"First Change in PRG1.txt"
[main b2ff9e0] First Change in PRG1.txt
 1 file changed, 1 insertion(+), 1 deletion(-)
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git branch -M main
```

```

viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git push -u origin main
Username for 'https://github.com': avinashtechlvr
Password for 'https://avinashtechlvr@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 339 bytes | 339.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/avinashtechlvr/Devops.git
   e90f3be..b2ff9e0  main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ nano PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git add PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git commit -m"Change in PRG2.txt"
[main eaf9ba0] Change in PRG2.txt
   1 file changed, 1 insertion(+), 1 deletion(-)
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git branch -M main
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git push -u origin main
Username for 'https://github.com': avinashtechlvr
Password for 'https://avinashtechlvr@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 339 bytes | 339.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/avinashtechlvr/Devops.git
   b2ff9e0..eaf9ba0  main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.

```

```

viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git branch -M main
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git push -u origin main
Username for 'https://github.com': avinashtechlvr
Password for 'https://avinashtechlvr@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 339 bytes | 339.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/avinashtechlvr/Devops.git
   b2ff9e0..eaf9ba0  main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git log
commit eaf9ba0534d8b4d4dbbbeade06fde21c9022a35c9 (HEAD -> main, origin/main)
Author: Avinash Chodavarapu <60456166+avinashtechlvr@users.noreply.github.com>
Date: Thu Aug 26 16:58:42 2021 +0530

    Change in PRG2.txt

commit b2ff9e0be6ec29c5af821f2d8744e57587e9e4a2
Author: Avinash Chodavarapu <60456166+avinashtechlvr@users.noreply.github.com>
Date: Thu Aug 26 16:57:34 2021 +0530

    First Change in PRG1.txt

commit e90f3bef9f1b902dd216d117fb6ef6ff44a30176
Author: Avinash Chodavarapu <60456166+avinashtechlvr@users.noreply.github.com>
Date: Thu Aug 26 16:55:42 2021 +0530

    Added two Files

```

# INSTRUCTION-2

```
fatal: A branch named 'Branch1' already exists.
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git checkout Branch1
Already on 'Branch1'
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ nano PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git add PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git commit -m "First change in PRG2"
[Branch1 f05d7cb] First change in PRG2
 1 file changed, 1 insertion(+)
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git push -u origin Branch1
Username for 'https://github.com': avinashtechlvr
Password for 'https://avinashtechlvr@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 347 bytes | 347.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'Branch1' on GitHub by visiting:
remote:   https://github.com/avinashtechlvr/Devops/pull/new/Branch1
remote:
To https://github.com/avinashtechlvr/Devops.git
 * [new branch]      Branch1 -> Branch1
Branch 'Branch1' set up to track remote branch 'Branch1' from 'origin'.
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ nano PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git add PRG2.txt
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git commit -m "Second Change in PRG2.txt"
[Branch1 3034a28] Second Change in PRG2.txt
 1 file changed, 1 insertion(+)
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git push -u origin Branch1
Username for 'https://github.com': avinashtechlvr
Password for 'https://avinashtechlvr@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 356 bytes | 356.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/avinashtechlvr/Devops.git
   f05d7cb..3034a28  Branch1 -> Branch1
Branch 'Branch1' set up to track remote branch 'Branch1' from 'origin'.
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$
```

```
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git merge Branch1
Updating eaf9ba0..3034a28
Fast-forward
 PRG2.txt | 2 ++
 1 file changed, 2 insertions(+)
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git -d branch Branch1
unknown option: -d
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
        [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
        <command> [<args>]
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git branch -d Branch1
Deleted branch Branch1 (was 3034a28).
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$
```

```
Last login: Thu Aug 26 16:33:34 on ttys000
pravalikachintala@Pravalikas-MacBook-Air ~ % cd
pravalikachintala@Pravalikas-MacBook-Air ~ % cd Desktop
pravalikachintala@Pravalikas-MacBook-Air Desktop % cd Team-6
pravalikachintala@Pravalikas-MacBook-Air Team-6 % cd DevOps
pravalikachintala@Pravalikas-MacBook-Air DevOps % git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /Users/pravalikachintala/Desktop/Team-6/DevOps/.git/
pravalikachintala@Pravalikas-MacBook-Air DevOps % nano PRG01.txt
pravalikachintala@Pravalikas-MacBook-Air DevOps % nano PRG02.txt
pravalikachintala@Pravalikas-MacBook-Air DevOps % git add .
pravalikachintala@Pravalikas-MacBook-Air DevOps % git commit -m"Added two files"
[master (root-commit) d824abc] Added two files
  Committer: Pravalika chintala <pravalikachintala@Pravalikas-MacBook-Air.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

2 files changed, 2 insertions(+)
create mode 100644 PRG01.txt
create mode 100644 PRG02.txt
pravalikachintala@Pravalikas-MacBook-Air DevOps % git branch -M main
pravalikachintala@Pravalikas-MacBook-Air DevOps % git remote add origin https://github.com/pravalika2604/DevOps.git
pravalikachintala@Pravalikas-MacBook-Air DevOps % git push -u origin main
Username for 'https://github.com': pravalika2604
Password for 'https://pravalika2604@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 324 bytes | 324.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/pravalika2604/DevOps.git
 * (new branch)      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
pravalikachintala@Pravalikas-MacBook-Air DevOps % nano PRG1.txt
pravalikachintala@Pravalikas-MacBook-Air DevOps % git add PRG1.txt
pravalikachintala@Pravalikas-MacBook-Air DevOps % git commit -m"First change in PRG1.txt"
[main 0ad465c] First change in PRG1.txt
  Committer: Pravalika chintala <pravalikachintala@Pravalikas-MacBook-Air.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
```

```

Last login: Thu Aug 26 17:44:35 on ttys000
pravalikachintala@Pravalikas-MacBook-Air ~ % cd
pravalikachintala@Pravalikas-MacBook-Air ~ % cd Desktop
pravalikachintala@Pravalikas-MacBook-Air Desktop % cd Team6
pravalikachintala@Pravalikas-MacBook-Air Team6 % git clone https://github.com/avinashtechlvr/Devops.git
Cloning into 'Devops'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 16 (delta 1), reused 15 (delta 0), pack-reused 0
Receiving objects: 100% (16/16), done.
Resolving deltas: 100% (1/1), done.
pravalikachintala@Pravalikas-MacBook-Air Team6 % cd devops
pravalikachintala@Pravalikas-MacBook-Air devops % git checkout -b Branch2
(Switched to a new branch 'Branch2')
pravalikachintala@Pravalikas-MacBook-Air devops % nano PRG2.txt
pravalikachintala@Pravalikas-MacBook-Air devops % git add PRG2.txt
pravalikachintala@Pravalikas-MacBook-Air devops % git commit -m "Profit-correction change on PRG2.txt"
[Branch2 b431d83] Profit-correction change on PRG2.txt
Committer: Pravalika chintala <pravalikachintala@Pravalikas-MacBook-Air.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
pravalikachintala@Pravalikas-MacBook-Air devops % git config --list
credential.helper=osxkeychain
core.repositoryformatversion=0
core.filemode=true
core.bare=false
core.logallrefupdates=true
core.ignorecase=true
core.precomposeunicode=true
remote.origin.url=https://github.com/avinashtechlvr/Devops.git
remote.origin.fetch=refs/heads/*:refs/remotes/origin/*
branch.main.remote=origin
branch.main.merge=refs/heads/main
pravalikachintala@Pravalikas-MacBook-Air devops % git push -u origin Branch2
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 358 bytes | 358.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'Branch2' on GitHub by visiting:
remote:   https://github.com/avinashtechlvr/Devops/pull/new/Branch2
remote:
To https://github.com/avinashtechlvr/Devops.git
 * (new branch) Branch2 -> Branch2
Branch 'Branch2' set up to track remote branch 'Branch2' from 'origin'.
pravalikachintala@Pravalikas-MacBook-Air devops %

```

```

pravalikachintala@Pravalikas-MacBook-Air devops % git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
pravalikachintala@Pravalikas-MacBook-Air devops % git merge Branch2
Updating eaf9ba0..b431d83
Fast-forward
 PRG2.txt | 1 +
 1 file changed, 1 insertion(+)
pravalikachintala@Pravalikas-MacBook-Air devops % git branch -d Branch2
Deleted branch Branch2 (was b431d83).
pravalikachintala@Pravalikas-MacBook-Air devops %

```

## Graph :

```

viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$ git log --all --decorate --oneline --graph
* 48f2e28 (HEAD -> main, origin/main, origin/Branch1, Branch1) Profit-Loss module
* 69f3f14 Profit-Loss
* cba57a8 first commit
* 3034a28 Second Change in PRG2.txt
* f05d7cb First change in PRG2
* eaf9ba0 (BR1) Change in PRG2.txt
* b2ff9e0 First change in PRG1.txt
* e90f3be Added two Files
viswanadhaavinash@viswanadhaavinash:~/Desktop/Team 6$

```