

# DevOps Hackathon

## Instruction1

```
MINGW64/c:/Users/Parvati Jayakumar/Desktop/Parvati.DevOps

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~
$ cd Desktop

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop
$ mkdir Parvati.DevOps

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop
$ cd Parvati.DevOps

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps
$ git init
Initialized empty Git repository in C:/Users/Parvati Jayakumar/Desktop/Parvati.DevOps/.git/

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ touch PRG1.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ touch PRG2.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        PRG1.txt
        PRG2.txt

nothing added to commit but untracked files present (use "git add" to track)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   PRG1.txt
        new file:   PRG2.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git commit -m "Committing PRG1,PRG2"
[master (root-commit) d62b7de] Committing PRG1,PRG2
 2 files changed, 2 insertions(+)
 create mode 100644 PRG1.txt
 create mode 100644 PRG2.txt
```

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git commit -m "Committing PRG1,PRG2"
[master (root-commit) d62b7de] Committing PRG1,PRG2
 2 files changed, 2 insertions(+)
 create mode 100644 PRG1.txt
 create mode 100644 PRG2.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git status
On branch master
nothing to commit, working tree clean

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git remote

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git remote add origin https://github.com/parvatijay2901/DevOps.git

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git remote
origin

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git remote -v
origin https://github.com/parvatijay2901/DevOps.git (fetch)
origin https://github.com/parvatijay2901/DevOps.git (push)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git push -u origin master
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), 266 bytes | 266.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/parvatijay2901/DevOps.git
 * [new branch]      master -> master
branch 'master' set up to track remote branch 'master' from 'origin'.
```

## Instruction 2

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch Branch1

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git checkout Branch1
Switched to branch 'Branch1'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git commit -m "Committing to Branch1"
On branch Branch1
nothing to commit, working tree clean

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git status
On branch Branch1
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git commit -m "Committing to Branch1-1"
On branch Branch1
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git commit -m "Committing to Branch1-2"
On branch Branch1
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")
```

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ touch PROFIT-Loss.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git commit -m "Committing to Branch1-3"
[Branch1 83b36d0] Committing to Branch1-3
2 files changed, 2 insertions(+), 1 deletion(-)
create mode 100644 PROFIT-Loss.txt
```

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git merge Branch1
Updating d62b7de..83b36d0
Fast-forward
 PRG2.txt      | 2 +-
 PROFIT-Loss.txt | 1 +
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 PROFIT-Loss.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch -d Branch1
Deleted branch Branch1 (was 83b36d0).

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git push -u origin master
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 331 bytes | 331.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/parvatijay2901/DevOps.git
   d62b7de..83b36d0  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

```

## Explanation:

Branch 1 and Branch 2 were earlier created on 2 different local machines by two different users, further, since the operations are merged, we did on a single machine.

```

chethancherry@MSI MINGW64 ~ (master)
$ cd Desktop

chethancherry@MSI MINGW64 ~/Desktop (master)
$ git clone https://github.com/parvatijay2901/DevOps.git
Cloning into 'DevOps'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.

chethancherry@MSI MINGW64 ~/Desktop (master)
$ cd DevOps

chethancherry@MSI MINGW64 ~/Desktop/DevOps (master)
$ git init
Reinitialized existing Git repository in C:/Users/chethancherry/Desktop/DevOps/.git/

```

```

chethancherry@MSI MINGW64 ~/Desktop/DevOps (master)
$ bit branch Branch2
bash: bit: command not found

chethancherry@MSI MINGW64 ~/Desktop/DevOps (master)
$ git branch Branch2

chethancherry@MSI MINGW64 ~/Desktop/DevOps (master)
$ git checkout Branch2
Switched to branch 'Branch2'

chethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ touch Profit-CORRECTION.txt

chethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git status
On branch Branch2
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   PRG2.txt

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

no changes added to commit (use "git add" and/or "git commit -a")

```

```

chethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git add .

chethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git commit -m "Updated the files"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'chethancherry@MSI.(none)')

```

```

chethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git config --global user.email 18bec040@iiitdwd.ac.in

chethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git config --global user.name "Chethan"

chethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git commit -m "Updated the files"
[Branch2 333fe67] Updated the files
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 Profit-CORRECTION.txt

```

```

chethancherry@MSI MINGW64 ~/Desktop/DevOps (master)
$ git remote add origin https://github.com/parvatijay2901/DevOps.git
error: remote origin already exists.

```



```
shethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git push -u origin Branch2
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 355 bytes | 118.00 KiB/s, done.
Total 4 (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/parvatijay2901/DevOps/pull/new/Branch2
remote:
To https://github.com/parvatijay2901/DevOps.git
 * [new branch]      Branch2 -> Branch2
Branch 'Branch2' set up to track remote branch 'Branch2' from 'origin'.

shethancherry@MSI MINGW64 ~/Desktop/DevOps (Branch2)
$ git checkout master
Switched to branch 'master'
Your branch and 'origin/master' have diverged,
and have 1 and 1 different commits each, respectively.
(use "git pull" to merge the remote branch into yours)

shethancherry@MSI MINGW64 ~/Desktop/DevOps (master)
$ git branch -d Branch2
Deleted branch Branch2 (was 333fe67).
```

## Instruction 3

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ cd ..

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop
$ git clone https://github.com/parvatijay2901/DevOps.git
Cloning into 'DevOps'...
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 11 (delta 0), reused 11 (delta 0), pack-reused 0
Receiving objects: 100% (11/11), done.

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop
$ cd DevOps

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ git init
Reinitialized existing Git repository in C:/Users/Parvati Jayakumar/Desktop/DevOps/.git/

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ ls
PRG1.txt PRG2.txt PROFIT-Loss.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ git branch Branch3

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ git checkout Branch3
Switched to branch 'Branch3'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (Branch3)
$ git status
On branch Branch3
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   PRG1.txt

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (Branch3)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (Branch3)
$ git commit -m "Modified PRG1"
[Branch3 b44bd75] Modified PRG1
 1 file changed, 1 insertion(+), 1 deletion(-)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (Branch3)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   PRG1.txt

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ git commit -m "Modified PRG1-1"
[master ff62e23] Modified PRG1-1
1 file changed, 1 insertion(+), 1 deletion(-)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master)
$ git merge Branch3
Auto-merging PRG1.txt
CONFLICT (content): Merge conflict in PRG1.txt
Automatic merge failed; fix conflicts and then commit the result.

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/DevOps (master|MERGING)
$ |

```

## Explanation:

Merge conflict issue arises.

Current HEAD: master



## Instruction 4

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch Branch2

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git checkout Branch2
Switched to branch 'Branch2'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ touch Profit-CORRECTION.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git status
On branch Branch2
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   PRG2.txt

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

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git commit -m "Updated and modified"
[Branch2 a28f177] Updated and modified
 2 files changed, 1 insertion(+), 1 deletion(-)
 create mode 100644 Profit-CORRECTION.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git merge Branch2
Updating 83b36d0..a28f177
Fast-forward
 PRG2.txt | 2 +-
 Profit-CORRECTION.txt | 0
 2 files changed, 1 insertion(+), 1 deletion(-)
 create mode 100644 Profit-CORRECTION.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch -d Branch2
Deleted branch Branch2 (was a28f177).
```

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch Branch3

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git checkout Branch3
Switched to branch 'Branch3'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ touch PRG3.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git commit -m "Updated PRG3.txt"
On branch Branch3
nothing to commit, working tree clean

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git commit -m "Updated PRG3.txt"
[Branch3 85b04dc] Updated PRG3.txt
1 file changed, 1 insertion(+), 1 deletion(-)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 3 commits.
(use "git push" to publish your local commits)

```

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch Branch2

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git checkout Branch2
Switched to branch 'Branch2'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git status
On branch Branch2
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git commit -m "Updated bug"
[Branch2 828cec1] Updated bug
1 file changed, 1 insertion(+), 1 deletion(-)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git checkout Branch3
Switched to branch 'Branch3'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git merge Branch2
Merge made by the 'recursive' strategy.
 PRG2.txt | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

```

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git push -u origin Branch3
Enumerating objects: 22, done.
Counting objects: 100% (22/22), done.
Delta compression using up to 8 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (20/20), 1.62 KiB | 237.00 KiB/s, done.
Total 20 (delta 7), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (7/7), done.
remote:
remote: Create a pull request for 'Branch3' on GitHub by visiting:
remote:   https://github.com/parvatijay2901/DevOps/pull/new/Branch3
remote:
To https://github.com/parvatijay2901/DevOps.git
 * [new branch]      Branch3 -> Branch3
Branch 'Branch3' set up to track remote branch 'Branch3' from 'origin'.

```

## Instruction 5

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch3)
$ git checkout Branch2
Switched to branch 'Branch2'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git status
On branch Branch2
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git commit -m "Updated PRG2.txt"
[Branch2 b3032ec] Updated PRG2.txt
1 file changed, 1 insertion(+), 1 deletion(-)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git mv PRG2.txt prg2.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git status
On branch Branch2
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:   PRG2.txt -> prg2.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git commit -m "Updated prg2.txt"
[Branch2 a8c35d3] Updated prg2.txt
1 file changed, 0 insertions(+), 0 deletions(-)
rename PRG2.txt => prg2.txt (100%)

```

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch2)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 4 commits.
(use "git push" to publish your local commits)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git merge Branch2
Updating 5565117..eb540f5
Fast-forward
 PRG2.txt | 1 -
 PRG3.txt | 2 +-
 prg2.txt | 1 +
 3 files changed, 2 insertions(+), 2 deletions(-)
 delete mode 100644 PRG2.txt
 create mode 100644 prg2.txt

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git push -u origin master
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (8/8), 732 bytes | 732.00 KiB/s, done.
Total 8 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 1 local object.
To https://github.com/parvatijay2901/DevOps.git
 83b36d0..eb540f5 master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ |

```

## Commit Log:

```

commit a8c35d3da8f6754be6935998c299e6c25e056e9f
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:22:40 2021 +0530

    Updated prg2.txt

commit b3032eca2822f055378693a896a846aebf632719
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:20:40 2021 +0530

    Updated PRG2.txt

```



```
commit 828cec1b226e5573865c39c5f61513f5cb6375bf
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:12:09 2021 +0530
```

Updated bug

```
commit 55651179f0181bb239c174401c1c812479868a34
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:08:44 2021 +0530
```

Updated bug

```
commit 48c779e50dea4888ff4982d331a548ca9f5efdf1
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 18:55:17 2021 +0530
```

Updated PRG2

```
commit 1310cdbf4be28b3462f7fb821e396191b17dec0e
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 18:51:58 2021 +0530
```

Updated PRG3

```
commit a28f177d4b1d49626e64aa9ddebc44fcd1d7ae09
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 18:46:47 2021 +0530
```

Updated and modified

```
commit 83b36d02895b60fccc404f65b267b91b738af1e0
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 17:37:59 2021 +0530
```

Committing to Branch1-3

```
commit d62b7de5b914decdbd27325314fea1396fa1b66d6
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 17:04:15 2021 +0530
```

Committing PRG1,PRG2

(END)

## Branch diagram:

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch
  Branch2
  Branch3
* master
```

## Instruction 6

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git commit --amend --date=now --no-edit
[master d5a0e92] Updated PRG3.txt
Date: Thu Aug 26 19:38:40 2021 +0530
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git log --oneline
d5a0e92 (HEAD -> master) Updated PRG3.txt
a8c35d3 Updated prg2.txt
b3032ec Updated PRG2.txt
828cec1 Updated bug
5565117 Updated bug
48c779e Updated PRG2
1310cdb Updated PRG3
a28f177 Updated and modified
83b36d0 Committing to Branch1-3
d62b7de Committing PRG1,PRG2
```

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git revert a8c35d3
[master e8f1ccc] Revert "Updated prg2.txt"
1 file changed, 0 insertions(+), 0 deletions(-)
rename prg2.txt => PRG2.txt (100%)
```

## Instruction 7

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git merge Branch2
Merge made by the 'recursive' strategy.

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch
  Branch2
  Branch3
* master

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch -d Branch2
Deleted branch Branch2 (was eb540f5).

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch -d Branch3
warning: deleting branch 'Branch3' that has been merged to
          'refs/remotes/origin/Branch3', but not yet merged to HEAD.
Deleted branch Branch3 (was b217509).

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ |
```



```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git branch Branch4

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git checkout Branch4
Switched to branch 'Branch4'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch4)
$ git status
On branch Branch4
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   PRG2.txt

no changes added to commit (use "git add" and/or "git commit -a")

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch4)
$ git add .

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch4)
$ git commit -m "Fixed all bugs"
[Branch4 ae1fd7a] Fixed all bugs
1 file changed, 1 insertion(+), 1 deletion(-)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch4)
$ |

```

```

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch4)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 5 commits.
  (use "git push" to publish your local commits)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git merge Branch4
Updating 3f4aabc..ae1fd7a
Fast-forward
 PRG2.txt | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git push -u origin master
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 8 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (13/13), 1.36 KiB | 349.00 KiB/s, done.
Total 13 (delta 5), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (5/5), completed with 1 local object.
To https://github.com/parvati-jay2901/DevOps.git
   eb540f5..ae1fd7a  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ |

```

## Instruction 8

aws

Services

Search for services, features, marketplace products, and docs

[Alt+S]

Parvati Jayakumar

Ohio

Support

New EC2 Experience

Tell us what you think

EC2 Dashboard

Events

Tags

Limits

Instances

Instances New

Instance Types

Launch Templates

Instances (2) Info

Refresh

Connect

Instance state

Actions

Launch instances

Filter instances

<

1

>

⌕

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input type="checkbox"/>	-	i-0b56a0426e1c80e19	Terminated	t2.micro	-	No alarms	us-east-2a	-
<input type="checkbox"/>	-	i-0d03b28699a9a95a4	Running	t2.micro	2/2 checks passed	No alarms	us-east-2b	ec2-3-15-166-16

[illegible]

```
root@ip-172-31-20-134: /home/ubuntu/AWS/DevOps
#Git commands used:
- git init
- git add
- git commit
- git status
- git remote
- git push
- git clone
- git branch
- git checkout
- git revert
- git merge
- git log
```

```
root@ip-172-31-20-134:/home/ubuntu/AWS/DevOps# vim README.md
root@ip-172-31-20-134:/home/ubuntu/AWS/DevOps# vim README.md
root@ip-172-31-20-134:/home/ubuntu/AWS/DevOps# vim README.md
root@ip-172-31-20-134:/home/ubuntu/AWS/DevOps# git init
Reinitialized existing Git repository in /home/ubuntu/AWS/DevOps/.git/
root@ip-172-31-20-134:/home/ubuntu/AWS/DevOps# git branch Branch5
```

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (master)
$ git checkout Branch5
Switched to branch 'Branch5'

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch5)
$ touch Readme.md

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch5)
$ git status
On branch Branch5
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        README.md

nothing added to commit but untracked files present (use "git add" to track)

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch5)
$ git add .
warning: LF will be replaced by CRLF in README.md.
the file will have its original line endings in your working directory

Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch5)
$ git commit -m "Fixed all bugs, added Readme.md"
[Branch5 5e15584] Fixed all bugs, added Readme.md
1 file changed, 13 insertions(+)
create mode 100644 README.md
```

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch5)
$ git push origin Branch5
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 617 bytes | 154.00 KiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
remote:
remote: Create a pull request for 'Branch5' on GitHub by visiting:
remote:   https://github.com/parvatijay2901/DevOps/pull/new/Branch5
remote:
To https://github.com/parvatijay2901/DevOps.git
 * [new branch]      Branch5 -> Branch5
```

## Commit log:

```
Parvati Jayakumar@LAPTOP-S2R1236D MINGW64 ~/Desktop/Parvati.DevOps (Branch5)
$ git log
commit 5e1558486a36a0bfff7ac3a043bbabf342b5e5431 (HEAD -> Branch5, origin/Branch5)
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 20:49:51 2021 +0530

    Fixed all bugs, added Readme.md

commit 34e0e56261c5652ed2eba7b8e11c61e5729cc599 (master)
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 20:00:18 2021 +0530

    revised

commit ae1fd7ad2be276dd5273a4ed52edd2ee1b067806 (origin/master, Branch4)
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:55:05 2021 +0530

    Fixed all bugs

commit 3f4aabc8dc31518f2b09f0ced9b6d6700c5722a3
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:53:31 2021 +0530

    Saved existing changes

commit 23ee654383402cc710f167f3be88c1bb79bf30d3
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:52:08 2021 +0530

    Saved existing changes

commit 03795b4a7275e2e1c9d94ffe268da379cf4dfe76
Merge: e8f1ccc eb540f5
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:48:59 2021 +0530

    Merge branch 'Branch2'

commit e8f1ccca4de98ef382093ea7e72c0be301168254
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:44:21 2021 +0530

    Revert "Updated prg2.txt"

    This reverts commit a8c35d3da8f6754be6935998c299e6c25e056e9f.
```



```
commit d5a0e925b670f8f937bc9f92a2b51e0eb88c7890
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:38:40 2021 +0530
```

Updated PRG3.txt

```
commit eb540f5687574bccc1f5f741ee808ee6aba823f0
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:07:31 2021 +0530
```

Updated PRG3.txt

```
commit a8c35d3da8f6754be6935998c299e6c25e056e9f
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:22:40 2021 +0530
```

Updated prg2.txt

```
commit b3032eca2822f055378693a896a846aebf632719
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:20:40 2021 +0530
```

Updated PRG2.txt

```
commit 828cec1b226e5573865c39c5f61513f5cb6375bf
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:12:09 2021 +0530
```

Updated bug

```
commit 55651179f0181bb239c174401c1c812479868a34
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 19:08:44 2021 +0530
```

Updated bug

```
commit 48c779e50dea4888ff4982d331a548ca9f5efdf1
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 18:55:17 2021 +0530
```

Updated PRG2

```
commit 1310cdbf4be28b3462f7fb821e396191b17dec0e
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 18:51:58 2021 +0530
```

Updated PRG3

```
commit a28f177d4b1d49626e64aa9ddeb44fcd1d7ae09
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 18:46:47 2021 +0530
```

Updated and modified

```
commit 83b36d02895b60fccc404f65b267b91b738af1e0
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 17:37:59 2021 +0530
```

Committing to Branch1-3

```
commit d62b7de5b914decdbd27325314fea1396fa1b66d6
Author: parvatijay2901 <parvatijay2901@gmail.com>
Date: Thu Aug 26 17:04:15 2021 +0530
```

Committing PRG1,PRG2