

DevOps Hackathon 1 output Screenshots

Team Name: Team 1

Team members: Rahul Priyadarshi (18BCS074)
Samana B S (18BCS088)

```
Activities Terminal Aug 26 16:58 rahul@codever: ~/Desktop/Team1.DevOps

(base) rahul@codever:~/Desktop/Team1.DevOps$ touch PRG2_Team1.txt
(base) rahul@codever:~/Desktop/Team1.DevOps$ nano PRG1_Team1.txt
(base) rahul@codever:~/Desktop/Team1.DevOps$ nano PRG2_Team1.txt
(base) rahul@codever:~/Desktop/Team1.DevOps$ git add .
fatal: not a git repository (or any of the parent directories): .git
(base) rahul@codever:~/Desktop/Team1.DevOps$ git status
fatal: not a git repository (or any of the parent directories): .git
(base) rahul@codever:~/Desktop/Team1.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 /home/rahul/Desktop/Team1.DevOps/.git/
(base) rahul@codever:~/Desktop/Team1.DevOps$ git add .
(base) rahul@codever:~/Desktop/Team1.DevOps$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   PRG1_Team1.txt
        new file:   PRG2_Team1.txt

(base) rahul@codever:~/Desktop/Team1.DevOps$ git commit -m 'files created by programmer A'
[master (root-commit) b98f1aa] files created by programmer A
 2 files changed, 2 insertions(+)
 create mode 100644 PRG1_Team1.txt
 create mode 100644 PRG2_Team1.txt
(base) rahul@codever:~/Desktop/Team1.DevOps$ git log
commit b98f1aa383b0976aa2ff607f7f2df542b7fd681 (HEAD -> master)
Author: rahulp99 <priyadarshir99@gmail.com>
Date: Thu Aug 26 16:55:43 2021 +0530

    files created by programmer A

(base) rahul@codever:~/Desktop/Team1.DevOps$ git remote add origin git@github.com:rahulp99/Team1.DevOps.git
(base) rahul@codever:~/Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahul/.ssh/id_ed25519':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 245 bytes | 245.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:rahulp99/Team1.DevOps.git
 * [new branch] master -> master
(base) rahul@codever:~/Desktop/Team1.DevOps$
```

Instruction 1

```
Activities Terminal Thu 17:46 user@worker01: ~/1.DevOps/Team1.DevOps

File Edit View Search Terminal Help

user@worker01:~/1.DevOps$ cd Team1.DevOps
user@worker01:~/1.DevOps$ git clone https://github.com/rahulp99/Team1.DevOps.git
Cloning into 'Team1.DevOps':
Username for 'https://github.com': ghp_1g3TfyP4spRtVQenF0dDhqeLU6q32fw1y
Password for 'https://ghp_1g3TfyP4spRtVQenF0dDhqeLU6q32fw1y@github.com':
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 2 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
user@worker01:~/1.DevOps$ cd Team1.DevOps
user@worker01:~/1.DevOps$ git branch Branch2
user@worker01:~/1.DevOps$ git checkout Branch2
Switched to branch 'Branch2'
user@worker01:~/1.DevOps$ git submodule add https://github.com/SamanaB5/DBMS.git PROFIT-Correction
Cloning into '/home/user/Team1.DevOps/Team1.DevOps/PROFIT-Correction'...
fatal: unable to access 'https://github.com/SamanaB5/DBMS.git/': Couldn't connect to server
user@worker01:~/1.DevOps$ git submodule add https://github.com/SamanaB5/DBMS.git PROFIT-Correction
Cloning into '/home/user/Team1.DevOps/Team1.DevOps/PROFIT-Correction'...
remote: Enumerating objects: 50, done.
remote: Counting objects: 100% (50/50), done.
remote: Compressing objects: 100% (49/49), done.
remote: Total 50 (delta 14), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (50/50), done.
user@worker01:~/1.DevOps$ nano PRG2_Team1.txt
user@worker01:~/1.DevOps$ git add .
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
  add
user@worker01:~/1.DevOps$ git add
user@worker01:~/1.DevOps$ git commit
*** 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 'user@worker01.(none)')
user@worker01:~/1.DevOps$ git commit -m 'modified prg2'
*** Please tell me who you are.

Run

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

Instruction 2 Programmer B screenshot 1

```
Activities Terminal Thu 17:46 user@worker01: 1.DevOps/Team1.DevOps

File Edit View Search Terminal Help

Fatal: unable to auto-detect email address (got 'user@worker01.(none)')
user@worker01:~/.DevOps/Team1.DevOps$ git config --global user.email "sanana280201@gmail.com"
user@worker01:~/.DevOps/Team1.DevOps$ git config --global user.name "Sanana B S"
user@worker01:~/.DevOps/Team1.DevOps$ git commit -m 'modified prg2'
[Branch2 0171c1c] modified prg2
3 files changed, 6 insertions(+), 1 deletion(-)
create mode 100644 .gitmodules
create mode 160000 PROFIT-Correction
user@worker01:~/.DevOps/Team1.DevOps$ nano PRG2_Team1.txt
user@worker01:~/.DevOps/Team1.DevOps$ git add .
user@worker01:~/.DevOps/Team1.DevOps$ git commit -m 'modified prg2 second time'
[Branch2 d6612dc] modified prg2 second time
1 file changed, 1 insertion(+), 1 deletion(-)
user@worker01:~/.DevOps/Team1.DevOps$ git checkout master
warning: unable to rmdir 'PROFIT-Correction': Directory not empty
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
user@worker01:~/.DevOps/Team1.DevOps$ git pull origin master
Username for 'https://github.com': sanana280201@gmail.com
Password for 'https://sanana280201@gmail.com@github.com':
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
remote: Please see https://github.blog/2020-12-15-token-authentication-requirements-for-git-operations/ for more information.
Fatal: Authentication failed for 'https://github.com/raahul99/Team1.DevOps.git/'
user@worker01:~/.DevOps/Team1.DevOps$ git pull origin master
Username for 'https://github.com': ghp_lg3TfyP4spRtVQenF0dDhqeLU6q32fwL1y
Password for 'https://ghp_lg3TfyP4spRtVQenF0dDhqeLU6q32fwL1y@github.com':
From https://github.com/raahul99/Team1.DevOps
* branch      master       -> FETCH_HEAD
Already up to date.
user@worker01:~/.DevOps/Team1.DevOps$ git merge Branch2
Updating b98f1aa..d6612dc
Fast-forward
 .gitmodules      | 3 +++
 PRG2_Team1.txt   | 1
 PROFIT-Correction | 1
3 files changed, 6 insertions(+), 1 deletion(-)
create mode 100644 .gitmodules
create mode 160000 PROFIT-Correction
user@worker01:~/.DevOps/Team1.DevOps$ git push origin master
Username for 'https://github.com': ghp_lg3TfyP4spRtVQenF0dDhqeLU6q32fwL1y
Password for 'https://ghp_lg3TfyP4spRtVQenF0dDhqeLU6q32fwL1y@github.com':
Counting objects: 7, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (5/5), done.
Writing objects: 100% (7/7), 723 bytes | 361.00 KiB/s, done.
Total 7 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/raahul99/Team1.DevOps.git
b98f1aa..d6612dc master -> master
user@worker01:~/.DevOps/Team1.DevOps$ git branch -d Branch2
Deleted branch Branch2 (was d6612dc).
user@worker01:~/.DevOps/Team1.DevOps$ git push origin master
Username for 'https://github.com': ghp_lg3TfyP4spRtVQenF0dDhqeLU6q32fwL1y
Password for 'https://ghp_lg3TfyP4spRtVQenF0dDhqeLU6q32fwL1y@github.com':
Everything up-to-date
user@worker01:~/.DevOps/Team1.DevOps$
```

Instruction 2 Programmer B screenshot 2

```
Activities Terminal Aug 26 17:46 rahul@codever: ~/Desktop/Team1.DevOps

(base) rahul@codever:~/Desktop/Team1.DevOps$ git branch Branch1
(base) rahul@codever:~/Desktop/Team1.DevOps$ git checkout Branch1
Switched to branch 'Branch1'
(base) rahul@codever:~/Desktop/Team1.DevOps$ git submodule add https://github.com/raahul99/HackerRank PROFIT-Loss
Cloning into '/home/rahul/Desktop/Team1.DevOps/PROFIT-Loss'...
remote: Enumerating objects: 94, done.
remote: Total 94 (delta 0), reused 0 (delta 0), pack-reused 94
Receiving objects: 100% (94/94), 16.49 KiB | 482.00 KiB/s, done.
Resolving deltas: 100% (10/10), done.
(base) rahul@codever:~/Desktop/Team1.DevOps$ nano PRG2_Team1.txt
(base) rahul@codever:~/Desktop/Team1.DevOps$ git add .
(base) rahul@codever:~/Desktop/Team1.DevOps$ git commit -m 'modified PRG2_Team1.txt'
[Branch1 0171c1c] modified PRG2_Team1.txt
3 files changed, 5 insertions(+), 1 deletion(-)
create mode 100644 .gitmodules
create mode 160000 PROFIT-Loss
(base) rahul@codever:~/Desktop/Team1.DevOps$ nano PRG2_Team1.txt
(base) rahul@codever:~/Desktop/Team1.DevOps$ git add .
(base) rahul@codever:~/Desktop/Team1.DevOps$ git commit -m 'modified PRG2_Team1.txt 2nd time'
[Branch1 078c79c] modified PRG2_Team1.txt 2nd time
1 file changed, 1 insertion(+)
(base) rahul@codever:~/Desktop/Team1.DevOps$ git checkout master
warning: unable to rmdir 'PROFIT-Loss': Directory not empty
Switched to branch 'master'
(base) rahul@codever:~/Desktop/Team1.DevOps$ git pull origin master
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squash this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint: git config pull.rebase false # merge (the default strategy)
hint: git config pull.rebase true  # rebase
hint: git config pull.ff only      # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
Enter passphrase for key '/home/rahul/.ssh/id_rsa':
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 7 (delta 1), reused 7 (delta 1), pack-reused 0
Unpacking objects: 100% (7/7), 703 bytes | 87.00 KiB/s, done.
From github.com:raahul99/Team1.DevOps
* branch      master       -> FETCH_HEAD
b98f1aa..d6612dc master -> origin/master
Updating b98f1aa..d6612dc
Fast-forward
 .gitmodules      | 3 +++
 PRG2_Team1.txt   | 3 +++
 PROFIT-Correction | 1
3 files changed, 6 insertions(+), 1 deletion(-)
create mode 100644 .gitmodules
```

Instruction 2 Programmer A screenshot 1

```
Activities Terminal Aug 26 17:46
rahu@covever: ~/Desktop/Team1.DevOps

hint: git config pull.ff only # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
Enter passphrase for key '/home/rahu/.ssh/id_ed25519':
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 7 (delta 1), reused 7 (delta 1), pack-reused 0
Unpacking objects: 100% (7/7), 703 bytes | 87.00 KiB/s, done.
From github.com:rahu/p99/Team1.DevOps
* branch master -> FETCH_HEAD
Updating b98f1aa..d6612dc master -> origin/master
Fast-forward
 .gitmodules | 3 +++
 PRG2_Team1.txt | 3 +-
 PROFIT-Correction | 1 +
 3 files changed, 6 insertions(+), 1 deletion(-)
create mode 100644 .gitmodules
create mode 160000 PROFIT-Correction
(base) rahu@covever:~/Desktop/Team1.DevOps$ git merge Branch1
Auto-merging PRG2_Team1.txt
CONFLICT (content): Merge conflict in PRG2_Team1.txt
CONFLICT (add/add): Merge conflict in .gitmodules
Auto-merging .gitmodules
Automatic merge failed; fix conflicts and then commit the result.
(base) rahu@covever:~/Desktop/Team1.DevOps$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   PROFIT-Loss

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both added:   .gitmodules
    both modified: PRG2_Team1.txt

(base) rahu@covever:~/Desktop/Team1.DevOps$ cat PRG2_Team1.txt
<<<<<< HEAD
Modifying second time
Modifying created
=====
created
modified by A
modified by A
>>>>>> Branch1
(base) rahu@covever:~/Desktop/Team1.DevOps$ nano PRG2_Team1.txt
```

Instruction 2 Programmer A screenshot 2

```
Activities Terminal Aug 26 17:46
rahu@covever: ~/Desktop/Team1.DevOps

new file:   PROFIT-Loss

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both added:   .gitmodules
    both modified: PRG2_Team1.txt

(base) rahu@covever:~/Desktop/Team1.DevOps$ cat PRG2_Team1.txt
<<<<<< HEAD
Modifying second time
Modifying created
=====
created
modified by A
modified by A
>>>>>> Branch1
(base) rahu@covever:~/Desktop/Team1.DevOps$ nano PRG2_Team1.txt
(base) rahu@covever:~/Desktop/Team1.DevOps$ git add
(base) rahu@covever:~/Desktop/Team1.DevOps$ git commit -m 'merged and resolved the conflict'
[master 93dba86] merged and resolved the conflict
(base) rahu@covever:~/Desktop/Team1.DevOps$ git branch -d Branch1
Deleted branch Branch1 (was 078c79c).
(base) rahu@covever:~/Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahu/.ssh/id_ed25519':
Enumerating objects: 16, done.
Counting objects: 100% (16/16), done.
Delta compression using up to 4 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (11/11), 1.21 KiB | 206.00 KiB/s, done.
Total 11 (delta 2), reused 0 (delta 0), pack-reused 0
remote: warning: object 248975994024ff7dee8e385beaf82a727c1db7: gitmodulesParse: could not parse gitmodules blob
remote: Resolving deltas: 100% (2/2), done.
To github.com:rahu/p99/Team1.DevOps.git
 d6612dc..93dba86 master -> master
(base) rahu@covever:~/Desktop/Team1.DevOps$ git status
fatal: bad config line 1 in file /home/rahu/Desktop/Team1.DevOps/.gitmodules
(base) rahu@covever:~/Desktop/Team1.DevOps$ git status
fatal: bad config line 1 in file /home/rahu/Desktop/Team1.DevOps/.gitmodules
(base) rahu@covever:~/Desktop/Team1.DevOps$ git status
On branch master
nothing to commit, working tree clean
(base) rahu@covever:~/Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahu/.ssh/id_ed25519':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 216 bytes | 216.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:rahu/p99/Team1.DevOps.git
 93dba86..5af8f69 master -> master
(base) rahu@covever:~/Desktop/Team1.DevOps$
```

Instruction 2 Programmer A screenshot 3


```
Activities Terminal Aug 26 18:04 rahul@codever: ~/Desktop/Team1.DevOps

(base) rahul@codever:~/Desktop/Team1.DevOps$ cat PRG1_Team1.txt
created
modified in master
modified in branch 3
(base) rahul@codever:~/Desktop/Team1.DevOps$ git merge Branch3
error: Merger is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: or appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.
(base) rahul@codever:~/Desktop/Team1.DevOps$ git add .
(base) rahul@codever:~/Desktop/Team1.DevOps$ git commit -m 'merge conflict resolved instruction 3'
[master 12243f0] merge conflict resolved instruction 3
1 file changed, 1 insertion(+)
commit: 33d3662 cb01a3e
Author: rahulp99 <priyadarshir99@gmail.com>
Date: Thu Aug 26 18:03:29 2021 +0530

merge conflict resolved instruction 3
commit: 33d36627b0346887c99517a5068c1d2268046f
Author: rahulp99 <priyadarshir99@gmail.com>
Date: Thu Aug 26 17:58:02 2021 +0530

changed in master
commit: cb01a3e4fb426937c0ee9462cb943ffc9cc0a8eb (Branch3)
Author: rahulp99 <priyadarshir99@gmail.com>
Date: Thu Aug 26 17:56:58 2021 +0530

changed in branch3
commit: 5b78f69d8b6d539744a4718704f71c70bdc08 (origin/master)
Author: rahulp99 <priyadarshir99@gmail.com>
Date: Thu Aug 26 17:43:50 2021 +0530

commit
commit: 93dba86ab6d932a31f7063023c5bd0ac1be9c5b6
Merge: d6612dc 078c79c
Author: rahulp99 <priyadarshir99@gmail.com>
Date: Thu Aug 26 17:34:06 2021 +0530

merged and resolved the conflict
commit: d6612dc2398d22a06f674648077dca87ece3fd
Author: Sanana B S <sanana280201@gmail.com>
Date: Thu Aug 26 17:17:01 2021 +0530

modified prg2 second time
```

Instruction 3 screenshot 3

```
Activities Terminal Thu 18:17 user@worker0: DevOps/Team1.DevOps

File Edit View Search Terminal Help
user@worker0:~/Team1.DevOps/Team1.DevOps$ git pull origin master
Username for 'https://github.com': ghp_lg3TfyP4spRtVQenF0dDhqeLUUq32fWl1y
Password for 'https://github.com': 
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 9 (delta 4), reused 9 (delta 4), pack-reused 0
Unpacking objects: 100% (9/9), done.
From https://github.com/rahulp99/Team1.DevOps
* branch      master      -> FETCH_HEAD
5b78f69..12243f0 master -> origin/master
Updating 5b78f69..12243f0
Fast-forward
 PRG1_Team1.txt | 2 ++
1 file changed, 2 insertions(+)
user@worker0:~/Team1.DevOps/Team1.DevOps$ nano PRG2_Team1.txt
user@worker0:~/Team1.DevOps/Team1.DevOps$ git add .
user@worker0:~/Team1.DevOps/Team1.DevOps$ git branch Branch3
user@worker0:~/Team1.DevOps/Team1.DevOps$ git checkout Branch3
M   PRG2_Team1.txt
Switched to branch 'Branch3'
user@worker0:~/Team1.DevOps/Team1.DevOps$ touch PRG3_Team1.txt
user@worker0:~/Team1.DevOps/Team1.DevOps$ nano PRG3_Team1.txt
user@worker0:~/Team1.DevOps/Team1.DevOps$ git add .
user@worker0:~/Team1.DevOps/Team1.DevOps$ git commit -m 'Bug fix'
[Branch3 0649f37] Bug fix
2 files changed, 2 insertions(+)
create mode 100644 PRG3_Team1.txt
user@worker0:~/Team1.DevOps/Team1.DevOps$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
user@worker0:~/Team1.DevOps/Team1.DevOps$ nano PRG2_Team1.txt
user@worker0:~/Team1.DevOps/Team1.DevOps$ git add .
user@worker0:~/Team1.DevOps/Team1.DevOps$ git commit -m 'second modification by programmer B'
[master 64e821] second modification by programmer B
1 file changed, 1 insertion(+)
user@worker0:~/Team1.DevOps/Team1.DevOps$ git push origin
Username for 'https://github.com': ghp_lg3TfyP4spRtVQenF0dDhqeLUUq32fWl1y
Password for 'https://github.com': 
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 333 bytes | 333.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/rahulp99/Team1.DevOps.git
12243f0..64e821 master -> master
user@worker0:~/Team1.DevOps/Team1.DevOps$ git push origin Branch3
Username for 'https://github.com': ghp_lg3TfyP4spRtVQenF0dDhqeLUUq32fWl1y
Password for 'https://github.com': 
Counting objects: 4, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 445 bytes | 445.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
remote: Create a pull request for 'Branch3' on GitHub by visiting:
https://github.com/rahulp99/Team1.DevOps/pull/new/Branch3
```

Instruction 4

```
Activities Terminal Aug 26 18:23
rahu@codever: ~/Desktop/Team1.DevOps

(base) rahu@codever:~/Desktop/Team1.DevOps$ git pull origin master
hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squash this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only       # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per-
hint: invocation.
Enter passphrase for key '/home/rahu/.ssh/id_ed25519':
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0
Unpacking objects: 100% (3/3), 313 bytes | 2.00 KiB/s, done.
From github.com:rahu199/Team1.DevOps
* branch      master      -> FETCH_HEAD
12243f8..b4e8621 master -> origin/master
Updating 12243f8..b4e8621
Fast-forward
 PRG2_Team1.txt | 1 +
 1 file changed, 1 insertion(+)
(base) rahu@codever:~/Desktop/Team1.DevOps$ git branch Branch2
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout Branch2
Switched to branch 'Branch2'
(base) rahu@codever:~/Desktop/Team1.DevOps$ nano PRG2_Team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git mv PRG2_Team1.txt prg2_team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git add .
(base) rahu@codever:~/Desktop/Team1.DevOps$ git commit -m 'changed filename'
[Branch2 cfb564d] changed filename
 1 file changed, 1 insertion(+)
 rename PRG2_Team1.txt => prg2_team1.txt (79%)
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout master
Switched to branch 'master'
(base) rahu@codever:~/Desktop/Team1.DevOps$ git merge Branch2
Updating b4e8621..cfb564d
Fast-forward
 PRG2_Team1.txt => prg2_team1.txt | 1 +
 1 file changed, 1 insertion(+)
 rename PRG2_Team1.txt => prg2_team1.txt (79%)
(base) rahu@codever:~/Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahu/.ssh/id_ed25519':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 358 bytes | 358.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:rahu199/Team1.DevOps.git
 b4e8621..cfb564d master -> master
(base) rahu@codever:~/Desktop/Team1.DevOps$
```

Instruction 5

```
Activities Terminal Aug 26 18:53
rahu@codever: ~/Desktop/Team1.DevOps

(base) rahu@codever:~/Desktop/Team1.DevOps$ GIT_COMMITTER_DATE="Thu 26 Aug 2021 18:19:19 IST" git commit --amend --no-edit --date "Thu 26 Aug 2021 18:19:19 IST"
[master 2f863e5] changed filename
Date: Thu Aug 26 18:19:19 2021 +0530
 2 files changed, 8 insertions(+), 5 deletions(-)
 create mode 100644 prg2_team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git log --oneline
b4e8621 (HEAD -> master) changed filename
12243f8 second modification by programmer B
33d3662 changed in master
cb01a3e (Branch3) changed in branch3
5b7f869 commit
93db0a6 merged and resolved the conflict
065100c modified prg2 second time
0171c1c modified prg2
078c79c modified PRG2_Team1.txt 2nd time
0a5da59 modified PRG2_Team1.txt
b98f1aa files created by programmer A
(base) rahu@codever:~/Desktop/Team1.DevOps$ git diff d6612dc -- prg2_team1.txt
diff --git a/prg2_team1.txt b/prg2_team1.txt
new file mode 100644
index 00000000..1c1ace8
--- /dev/null
+++ b/prg2_team1.txt
@@ -0,0 +1,7 @@
+second modification
+Modifying second time
+Modifying created
+created
+modified by A
+modified by A
+changed in instruction 5
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout d6612dc prg2_team1.txt
error: pathspec 'prg2_team1.txt' did not match any file(s) known to git
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout d6612dc PRG2_Team1.txt
Updated 1 path from d67f53b
(base) rahu@codever:~/Desktop/Team1.DevOps$ git rm prg2_Team1.txt
fatal: pathspec 'prg2_Team1.txt' did not match any files
(base) rahu@codever:~/Desktop/Team1.DevOps$ git rm prg2_team1.txt
rm 'prg2_team1.txt'
(base) rahu@codever:~/Desktop/Team1.DevOps$ git mv PRG2_Team1.txt prg2_team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git add .
[master 788a2b3] reverted prg2
 2 files changed, 7 deletions(-)
 delete mode 100644 PRG2_Team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git log --oneline
788a2b3 (HEAD -> master) reverted prg2
2f863e5 changed filename
b4e8621 second modification by programmer B
12243f8 merge conflict resolved instruction 3
33d3662 changed in master
cb01a3e (Branch3) changed in branch3
```

Instruction 6 screenshot 1

```
Activities Terminal Aug 26 18:53
rahu@codever: ~/Desktop/Team1.DevOps

b08f1aa files created by programmer A
(base) rahu@codever:~/Desktop/Team1.DevOps$ git diff d6612dc -- prg2_team1.txt
diff --git a/prg2_team1.txt b/prg2_team1.txt
new file mode 100644
index 0000000..1c1ace8
--- /dev/null
+++ b/prg2_team1.txt
@@ -0,0 +1,7 @@
+second modification
+Modifying second time
+Modifying created
+created
+modified by A
+modified by A
+changed in instruction 5
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout d6612dc prg2_team1.txt
error: pathspec 'prg2_team1.txt' did not match any file(s) known to git
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout d6612dc PRG2_Team1.txt
Updated 1 path from ae7f53b
(base) rahu@codever:~/Desktop/Team1.DevOps$ git rm prg2_Team1.txt
fatal: pathspec 'prg2_Team1.txt' did not match any files
(base) rahu@codever:~/Desktop/Team1.DevOps$ git rm prg2_team1.txt
rm 'prg2_team1.txt'
(base) rahu@codever:~/Desktop/Team1.DevOps$ git mv PRG2_Team1.txt prg2_team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git add .
(base) rahu@codever:~/Desktop/Team1.DevOps$ git commit -m 'reverted prg2'
[master 788a293] reverted prg2
 2 files changed, 7 deletions(-)
 delete mode 100644 PRG2_Team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git log --oneline
788a293 (HEAD -> master) reverted prg2
2f862e5 changed filename
b4e8621 second modification by programmer B
12243f0 merge conflict resolved instruction 3
33d3662 changed in master
cb01a3e (branch*) changed in branch3
5bf8f69 commit
93dba86 merged and resolved the conflict
d6612dc modified prg2 second time
0171c1c modified prg2
078c79c modified PRG2_Team1.txt 2nd time
0afdaf9 modified PRG2_Team1.txt
b08f1aa files created by programmer A
(base) rahu@codever:~/Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahu/.ssh/id_ed25519':
To github.com:rahu1p99/Team1.DevOps.git
   master -> master (non-fast-forward)
error: failed to push some refs to 'github.com:rahu1p99/Team1.DevOps.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. Integrate the remote changes (e.g.
hint: 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
(base) rahu@codever:~/Desktop/Team1.DevOps$
```

Instruction 6 screenshot 2

```
Activities Terminal Aug 26 18:54
rahu@codever: ~/Desktop/Team1.DevOps

33d3662 changed in master
cb01a3e (branch*) changed in branch3
5bf8f69 commit
93dba86 merged and resolved the conflict
d6612dc modified prg2 second time
0171c1c modified prg2
078c79c modified PRG2_Team1.txt 2nd time
0afdaf9 modified PRG2_Team1.txt
b08f1aa files created by programmer A
(base) rahu@codever:~/Desktop/Team1.DevOps$ git diff d6612dc -- prg2_team1.txt
diff --git a/prg2_team1.txt b/prg2_team1.txt
new file mode 100644
index 0000000..1c1ace8
--- /dev/null
+++ b/prg2_team1.txt
@@ -0,0 +1,7 @@
+second modification
+Modifying second time
+Modifying created
+created
+modified by A
+modified by A
+changed in instruction 5
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout d6612dc prg2_team1.txt
error: pathspec 'prg2_team1.txt' did not match any file(s) known to git
(base) rahu@codever:~/Desktop/Team1.DevOps$ git checkout d6612dc PRG2_Team1.txt
Updated 1 path from ae7f53b
(base) rahu@codever:~/Desktop/Team1.DevOps$ git rm prg2_Team1.txt
fatal: pathspec 'prg2_Team1.txt' did not match any files
(base) rahu@codever:~/Desktop/Team1.DevOps$ git rm prg2_team1.txt
rm 'prg2_team1.txt'
(base) rahu@codever:~/Desktop/Team1.DevOps$ git mv PRG2_Team1.txt prg2_team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git add .
(base) rahu@codever:~/Desktop/Team1.DevOps$ git commit -m 'reverted prg2'
[master 788a293] reverted prg2
 2 files changed, 7 deletions(-)
 delete mode 100644 PRG2_Team1.txt
(base) rahu@codever:~/Desktop/Team1.DevOps$ git log --oneline
788a293 (HEAD -> master) reverted prg2
2f862e5 changed filename
b4e8621 second modification by programmer B
12243f0 merge conflict resolved instruction 3
33d3662 changed in master
cb01a3e (branch*) changed in branch3
5bf8f69 commit
93dba86 merged and resolved the conflict
d6612dc modified prg2 second time
0171c1c modified prg2
078c79c modified PRG2_Team1.txt 2nd time
0afdaf9 modified PRG2_Team1.txt
b08f1aa files created by programmer A
(base) rahu@codever:~/Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahu/.ssh/id_ed25519':
```

Instruction 6 screenshot 3


```

fatal: Exiting because of an unresolved conflict.
(base) rahul@codev1: /Desktop/Team1.DevOps$ git branch
  Branch2
  Branch3
* master
(base) rahul@codev1: /Desktop/Team1.DevOps$ git branch -D Branch2
Deleted branch Branch2 (was cfb56a4).
(base) rahul@codev1: /Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahul/.ssh/id_ed25519':
To github.com:rahulp99/Team1.DevOps.git
 [rejected]        master -> master (non-fast-forward)
error: Failed to push some refs to 'github.com:rahulp99/Team1.DevOps.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. Integrate the remote changes (e.g.
hint: 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
(base) rahul@codev1: /Desktop/Team1.DevOps$ git push origin
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin master

(base) rahul@codev1: /Desktop/Team1.DevOps$ git push -f origin master
Enter passphrase for key '/home/rahul/.ssh/id_ed25519':
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (7/7), 652 bytes | 163.00 KiB/s, done.
Total 7 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To github.com:rahulp99/Team1.DevOps.git
 + cfb56a4...788a293 master -> master (forced update)
(base) rahul@codev1: /Desktop/Team1.DevOps$

```

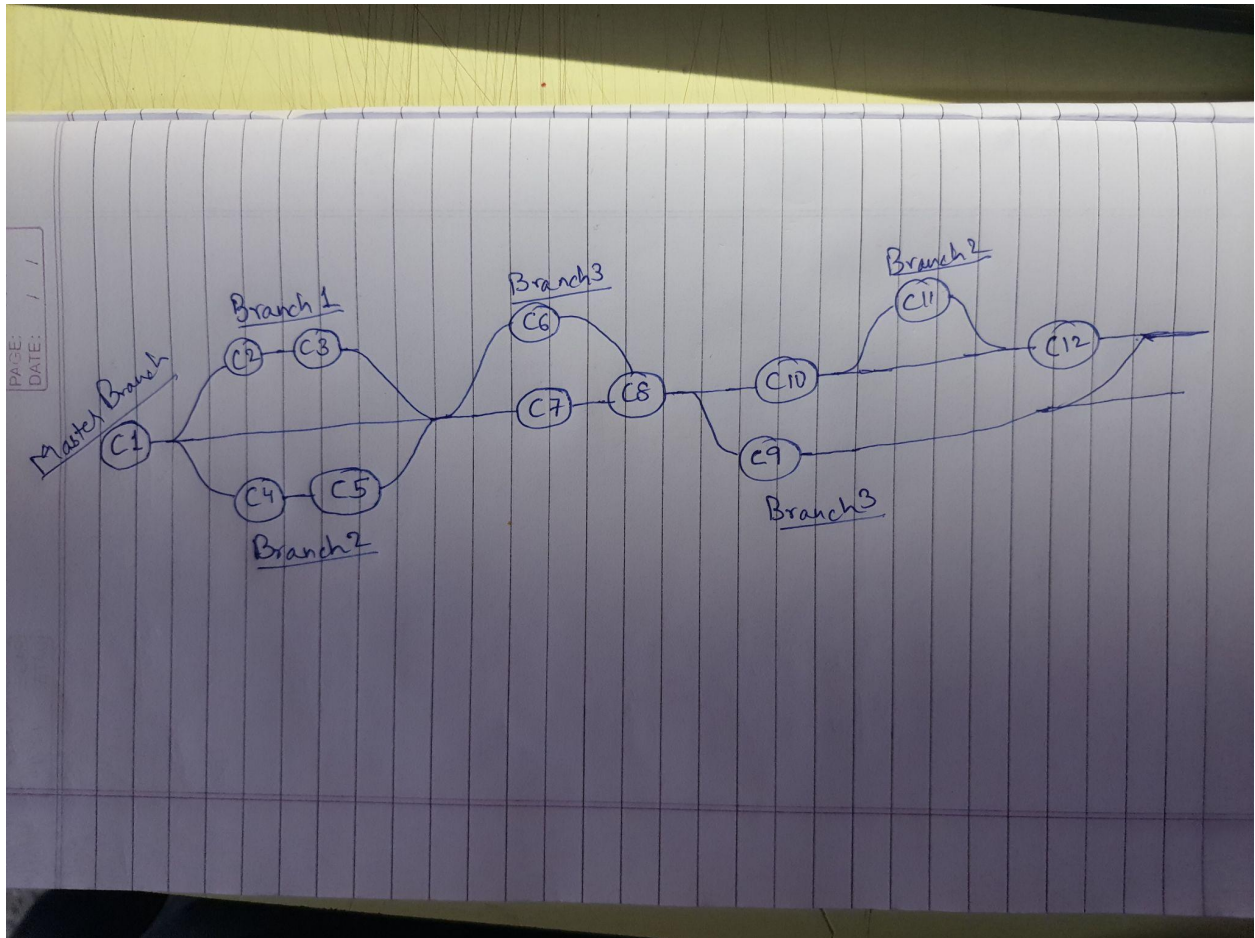
Instruction 7

```

(base) rahul@codev1: /Desktop/Team1.DevOps$ touch README.md
(base) rahul@codev1: /Desktop/Team1.DevOps$ nano README.md
(base) rahul@codev1: /Desktop/Team1.DevOps$ git add
[master e779e1f] Added README
(base) rahul@codev1: /Desktop/Team1.DevOps$ git push origin master
Enter passphrase for key '/home/rahul/.ssh/id_ed25519':
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 644 bytes | 322.00 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.
To github.com:rahulp99/Team1.DevOps.git
 788a293..e779e1f master -> master

```

Instruction 8



Workflow diagram