

DevOps

CS457

Virtual Hackathon-1

Submitted to:

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Submitted by:

Group_34:

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Task1:-----

The image shows a terminal window and a GitHub repository page. The terminal window displays the following commands and output:

```
Command Prompt
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)

C:\Users\SAMPATH\Desktop\team34\devops>git add .
C:\Users\SAMPATH\Desktop\team34\devops>git log
fatal: your current branch 'main' does not have any commits yet

C:\Users\SAMPATH\Desktop\team34\devops>git commit -m "committed PRG1 and PRG2"
[main (root-commit) 05073c1] committed PRG1 and PRG2
 2 files changed, 4 insertions(+)
 create mode 100644 PRG1.txt
 create mode 100644 PRG2.txt

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch main
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch main
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>git log
commit 05073c10e1f1f3b58cf092b1a12e5079906dc446 (HEAD -> main)
Author: Sampath <sakalasampath3@gmail.com>
Date: Thu Aug 26 18:20:12 2021 +0530

    committed PRG1 and PRG2

C:\Users\SAMPATH\Desktop\team34\devops>git remote add origin https://github.com/Ssampath34/Devops.git
C:\Users\SAMPATH\Desktop\team34\devops>git push origin main
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), 301 bytes | 301.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Create a pull request for 'main' on GitHub by visiting:
remote:   https://github.com/Ssampath34/Devops/pull/new/main
remote:
To https://github.com/Ssampath34/Devops.git
 * [new branch]    main -> main

C:\Users\SAMPATH\Desktop\team34\devops>
```

The GitHub repository page shows the following details:

- Repository: Ssampath34 / Devops
- Unwatch: 1, Star: 0, Fork: 0
- Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings
- main had recent pushes 12 minutes ago. Compare & pull request
- main - 2 branches, 0 tags. Go to file, Add file, Code
- This branch is 3 commits ahead, 3 commits behind master. Contribute
- Commits: Ssampath34 profit: correction (0bb61f4, 15 minutes ago, 3 commits)
- PRG1.txt: committed PRG1 and PRG2 (32 minutes ago)
- PRG2.txt: profit-correction (15 minutes ago)
- Help people interested in this repository understand your project by adding a README. Add a README
- About: No description, website, or topics provided.
- Releases: No releases published. Create a new release
- Packages: No packages published. Publish your first package

Footer: © 2021 GitHub, Inc. Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, About

Task2:-----

```
Command Prompt
remote: https://github.com/Ssampath34/Devops/pull/new/main
remote:
To https://github.com/Ssampath34/Devops.git
 * [new branch]    main -> main

C:\Users\SAMPATH\Desktop\team34\devops>git branch Branch1

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch main
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>git checkout Branch1
Switched to branch 'Branch1'

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch Branch1
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>notepad PRG2.txt

C:\Users\SAMPATH\Desktop\team34\devops>git add .

C:\Users\SAMPATH\Desktop\team34\devops>git log
[commit 05073e10e1f1f3b58cf492b1a12e5079906dc446 (HEAD -> Branch1, origin/main, main)
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:20:12 2021 +0530

    committed PRG1 and PRG2

C:\Users\SAMPATH\Desktop\team34\devops>git commit -m "profit_loss"
[Branch1 ee22b5f] profit_loss
1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch Branch1
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>git branch Branch2

C:\Users\SAMPATH\Desktop\team34\devops>git checkout Branch2
Switched to branch 'Branch2'

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch Branch2
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>notepad PRG2.txt

C:\Users\SAMPATH\Desktop\team34\devops>git add PRG2.txt

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch Branch2
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   PRG2.txt

C:\Users\SAMPATH\Desktop\team34\devops>git log
[commit ee22b5f71da1751850bbe9d6c6e838cf244401 (HEAD -> Branch2, Branch1)
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:33:52 2021 +0530

    profit_loss

[commit 05073e10e1f1f3b58cf492b1a12e5079906dc446 (origin/main, main)
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:20:12 2021 +0530

    committed PRG1 and PRG2

C:\Users\SAMPATH\Desktop\team34\devops>git commit -m "profit-correction"
[Branch2 0bb81f4] profit-correction
1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\SAMPATH\Desktop\team34\devops>git log
[commit 0bb81f4cb259d42989b4d668b8a8cf98d742e8b (HEAD -> Branch2)
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:36:44 2021 +0530

    profit-correction

[commit ee22b5f71da1751850bbe9d6c6e838cf244401 (Branch1)
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:33:52 2021 +0530

    profit_loss

[commit 05073e10e1f1f3b58cf492b1a12e5079906dc446 (origin/main, main)
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:20:12 2021 +0530

    committed PRG1 and PRG2

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch Branch2
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>git checkout main
Switched to branch 'main'
```

```
Command Prompt
C:\Users\SAMPATH\Desktop\team34\devops>git branch
Branch1
Branch2
* main

C:\Users\SAMPATH\Desktop\team34\devops>git merge Branch1 Branch2
Updating 05073e1..0bbb1f4
Fast-forward
 PRG2.txt | 4 +++
 1 file changed, 3 insertions(+), 1 deletion(-)

C:\Users\SAMPATH\Desktop\team34\devops>git push origin main
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), 608 bytes | 608.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Ssampath34/Devops.git
 05073e1..0bbb1f4  main -> main

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch main
nothing to commit, working tree clean

C:\Users\SAMPATH\Desktop\team34\devops>git log
commit 8bbb1f4e6258842909abda608b8dc30d6742e8b (HEAD -> main, origin/main, Branch2)
Author: Sampath <sakalasampath3@gmail.com>
Date: Thu Aug 26 18:36:44 2021 +0530

    profit-correction

commit ee22b5f71da1751850bbe9d6c6e038c0bf244401 (Branch1)
Author: Sampath <sakalasampath3@gmail.com>
Date: Thu Aug 26 18:33:52 2021 +0530

    profit_loss

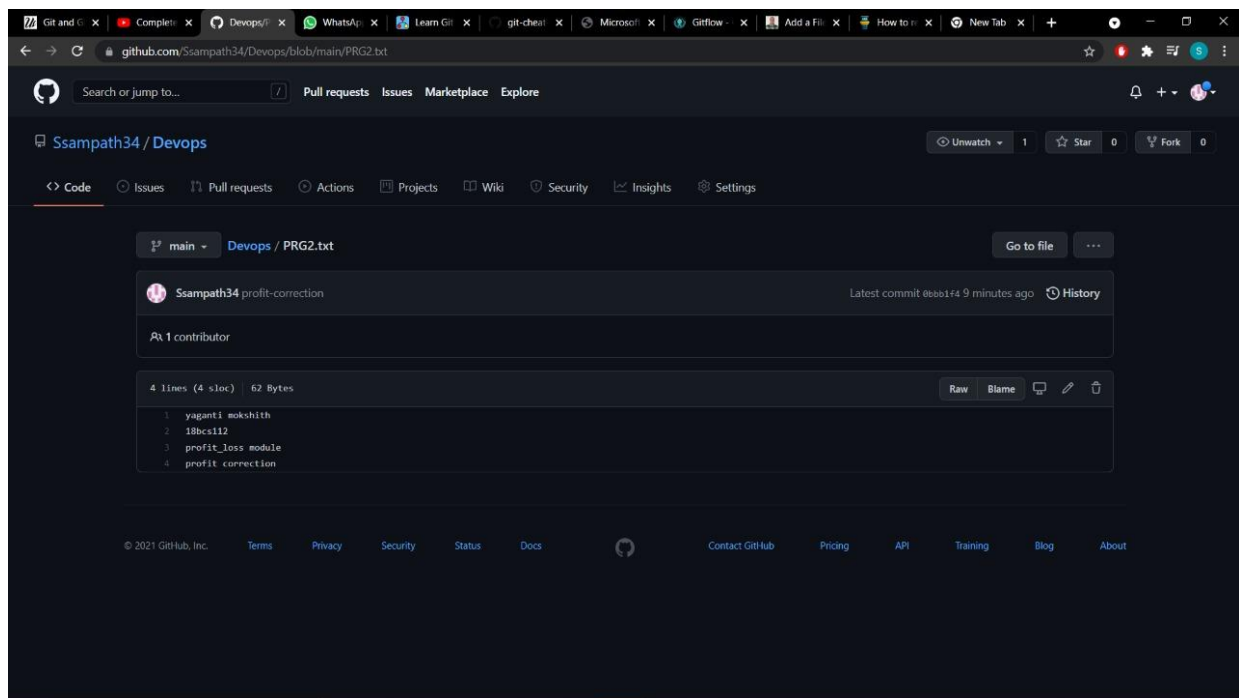
commit 05073e10e1f1f3b59cf92b1a12e5079906dc446
Author: Sampath <sakalasampath3@gmail.com>
Date: Thu Aug 26 18:28:12 2021 +0530

    committed PRG1 and PRG2

C:\Users\SAMPATH\Desktop\team34\devops>git branch -d Branch1
Deleted branch Branch1 (was ee22b5f).

C:\Users\SAMPATH\Desktop\team34\devops>git branch -d Branch2
Deleted branch Branch2 (was 0bbb1f4).

C:\Users\SAMPATH\Desktop\team34\devops>git branch
* main
```



Task3:

```
Command Prompt - git log
Deleted branch Branch2 (was 0bbb1f4).

C:\Users\SAMPATH\Desktop\team34\devops>git branch
* main

C:\Users\SAMPATH\Desktop\team34\devops>git branch Branch3

C:\Users\SAMPATH\Desktop\team34\devops>git checkout Branch3
Switched to branch 'Branch3'

C:\Users\SAMPATH\Desktop\team34\devops>notepad PRG1.txt

C:\Users\SAMPATH\Desktop\team34\devops>notepad PRG1.txt

C:\Users\SAMPATH\Desktop\team34\devops>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")

C:\Users\SAMPATH\Desktop\team34\devops>git branch master

C:\Users\SAMPATH\Desktop\team34\devops>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")

C:\Users\SAMPATH\Desktop\team34\devops>git checkout master
Switched to branch 'master'
PRG1.txt

C:\Users\SAMPATH\Desktop\team34\devops>notepad PRG2.txt

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch 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
        modified:   PRG2.txt

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

C:\Users\SAMPATH\Desktop\team34\devops>git add .
```

```
Command Prompt - git log

C:\Users\SAMPATH\Desktop\team34\devops>notepad PRG2.txt

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch 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
        modified:   PRG2.txt

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

C:\Users\SAMPATH\Desktop\team34\devops>git add .

C:\Users\SAMPATH\Desktop\team34\devops>git commit -m "task3"
[master 9ce52ab] task3
 2 files changed, 6 insertions(+), 2 deletions(-)

C:\Users\SAMPATH\Desktop\team34\devops>notepad PRG1.txt

C:\Users\SAMPATH\Desktop\team34\devops>git status
On branch master
[commit cd7d087b0ed9f24030ceea944f8fb20f5b25f45c (HEAD -> master)]
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 19:12:05 2021 +0530

    task3

[commit 9ce52ab1c1d7ebbd3a18f03833037803092c87]
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 19:07:03 2021 +0530

    task3

[commit 0bbb1f4c6259842989a6d6688a8c3084742e8b (or/origin/main, main, Branch3)]
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:36:44 2021 +0530

    profit-correction

[commit ee22b5f71da1751850bbe9d5c6e038c0bf244401]
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:33:52 2021 +0530

    profit_loss

[commit 05073e10e1f1f13b58cf092b1a12e5079906dc446]
Author: Sampath <sakalasampath3@gmail.com>
Date:   Thu Aug 26 18:20:12 2021 +0530

    committed PRG1 and PRG2
```

