Instruction 1:

Command Prompt

```
C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>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)

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git add .

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>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

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git commit -m "1st commit"
[master (root-commit) 3f6b496] 1st commit
 2 files changed, 2 insertions(+)
 create mode 100644 PRG1.txt
 create mode 100644 PRG2.txt

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git remote add origin https://[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]@github.com/neha-hash/DevOps.git

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git push origin master
info: please complete authentication in your browser...
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% (4/4), 265 bytes | 88.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/neha-hash/DevOps/pull/new/master
remote:
To https://github.com/neha-hash/DevOps.git
 * [new branch]      master -> master

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>
```
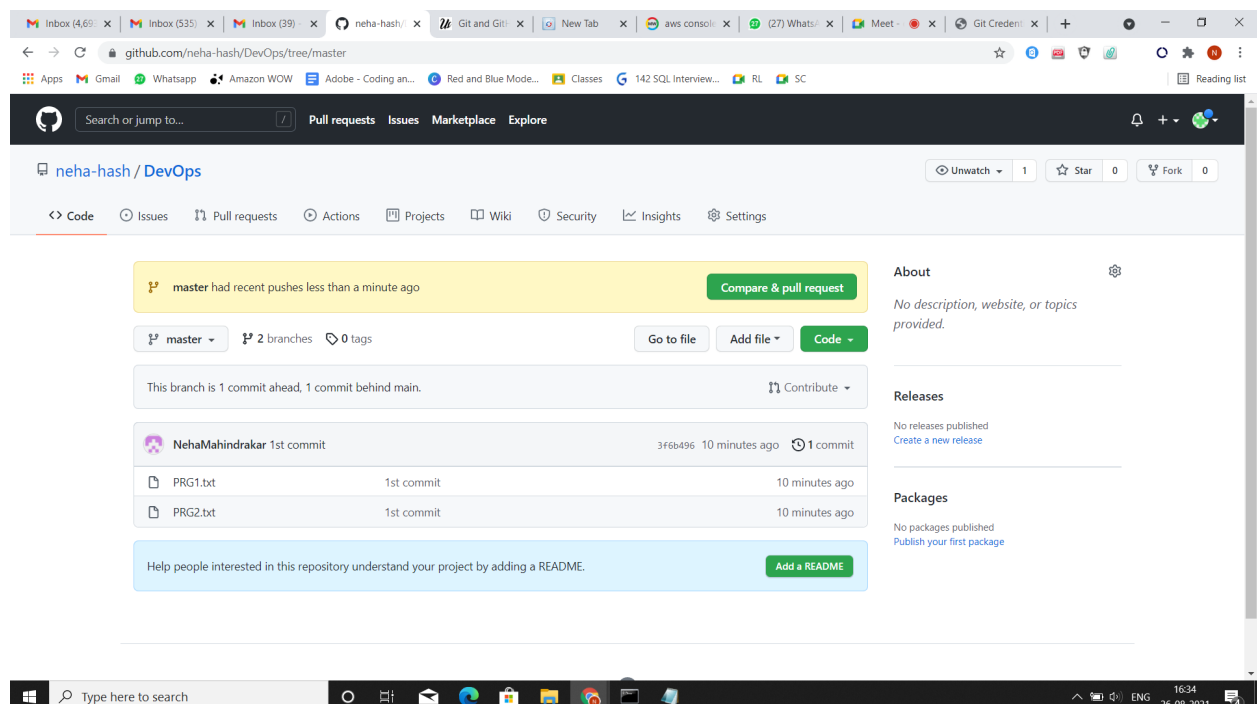
github.com/neha-hash/DevOps/tree/master

Pull requests   Issues   Marketplace   Explore

neha-hash / DevOps

Unwatch 1   Star 0   Fork 0

Code   Issues   Pull requests   Actions   Projects   Wiki   Security   Insights   Settings

master had recent pushes less than a minute ago   Compare & pull request

master   2 branches   0 tags   Go to file   Add file   Code

This branch is 1 commit ahead, 1 commit behind main.   Contribute

NehaMahindrakar 1st commit   3f6b496 10 minutes ago   1 commit

PRG1.txt   1st commit   10 minutes ago
PRG2.txt   1st commit   10 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

Instruction 2:

```
C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git checkout master
Switched to branch 'master'

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git log
commit 23367da0d105ada975257a118ef5dd3fb4f4a3ff (HEAD -> master, Branch2)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 17:13:30 2021 -0400

    Changed PRG2 twice

commit 3f6b496bb57a7a7f7447c2b3504ae9edc623ca75 (origin/master, origin/Branch1)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 16:23:53 2021 -0400

    1st commit

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git merge Branch1
Auto-merging PRG2.txt
CONFLICT (content): Merge conflict in PRG2.txt
Automatic merge failed; fix conflicts and then commit the result.

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git log
commit 23367da0d105ada975257a118ef5dd3fb4f4a3ff (HEAD -> master, Branch2)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 17:13:30 2021 -0400

    Changed PRG2 twice

commit 3f6b496bb57a7a7f7447c2b3504ae9edc623ca75 (origin/master, origin/Branch1)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 16:23:53 2021 -0400

    1st commit

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git branch -d Branch2
Deleted branch Branch2 (was 23367da).

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git log
commit 23367da0d105ada975257a118ef5dd3fb4f4a3ff (HEAD -> master)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 17:13:30 2021 -0400

    Changed PRG2 twice

commit 3f6b496bb57a7a7f7447c2b3504ae9edc623ca75 (origin/master, origin/Branch1)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 16:23:53 2021 -0400

    1st commit
```

github.com/neha-hash/DevOps/blob/master/PRG2.txt

neha-hash / DevOps

Unwatch 1   Star 0   Fork 0

<> Code   Issues   Pull requests   Actions   Projects   Wiki   Security   Insights   Settings

master   DevOps / PRG2.txt   Go to file

NehaMahindrakar Changed PRG2 twice   Latest commit 23367da 38 minutes ago   History

1 contributor

4 lines (4 sloc)   50 Bytes   Raw   Blame

```
1    hello2
2    world2
3      my name is D!!
4    my name is DEV!!
```

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Instruction 3:

Merge Conflict :

Instruction 4:

Command Prompt

```
C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git switch Branch2
Switched to branch 'Branch2'
M       PRG1.txt
M       PRG2.txt

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>echo instruction4_new >> PRG2.txt

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git add .

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git commit -m "instruction4"
[Branch2 648b467] instruction4
 3 files changed, 4 insertions(+)
 create mode 100644 PRG3.txt

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git push origin Branch2
info: please complete authentication in your browser...
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 430 bytes | 215.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/neha-hash/DevOps.git
   3f6b496..648b467  Branch2 -> Branch2

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git log
commit 648b46722d6b1bab07895b653660ed339c168393 (HEAD -> Branch2, origin/Branch2)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 18:26:07 2021 -0400

    instruction4

commit 01c342cedce62ae875b511119543345f1aa6e494 (origin/master, origin/Branch3, master, Branch3)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 18:03:51 2021 -0400

    3rd instruction

commit 23367da0d105ada975257a118ef5dd3fb4f4a3ff
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 17:13:30 2021 -0400

    Changed PRG2 twice

commit 3f6b496bb57a7a7f7447c2b3504ae9edc623ca75 (origin/Branch1)
Author: NehaMahindrakar <nehamahindrakar2000@gmail.com>
Date:   Thu Aug 26 16:23:53 2021 -0400

    1st commit
```
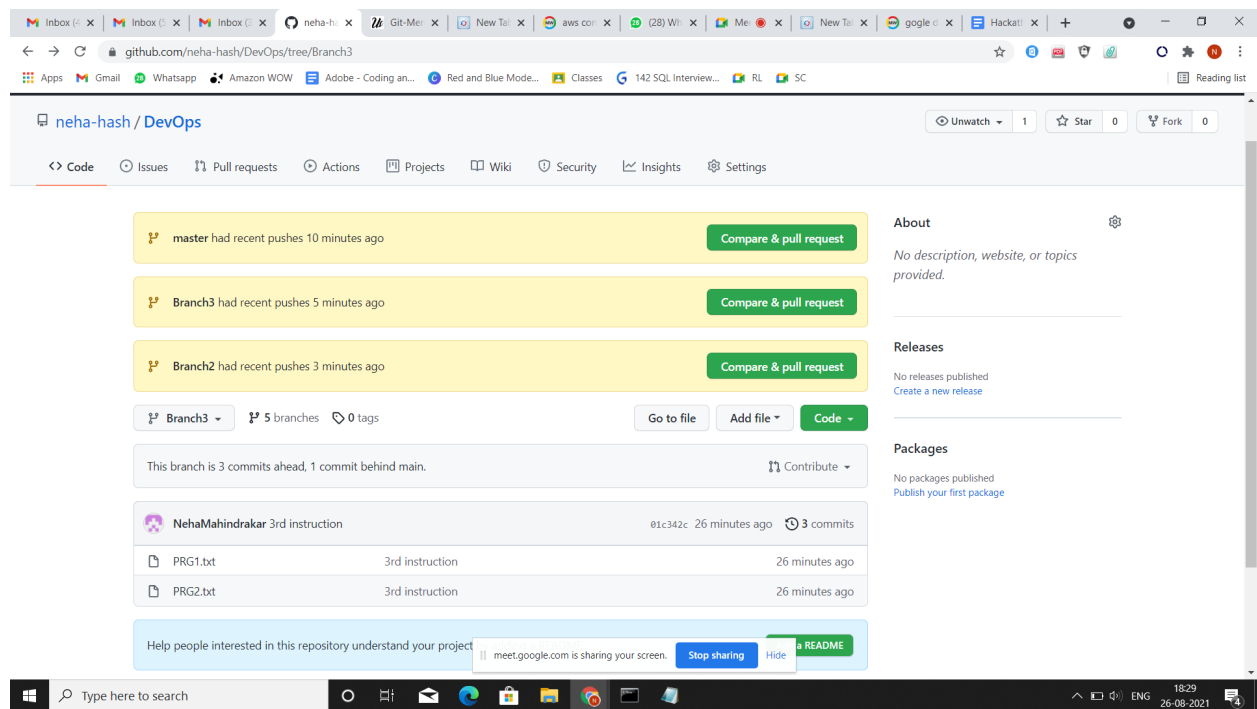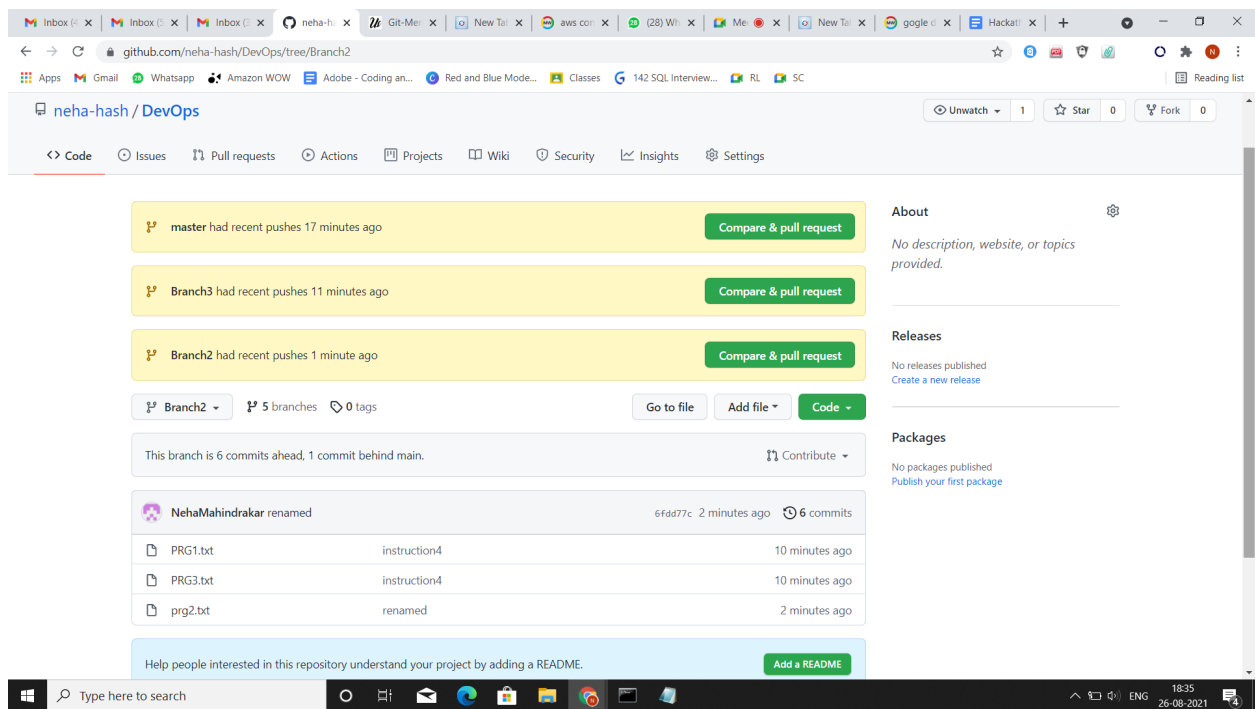

neha-hash / **DevOps**

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master had recent pushes 10 minutes ago — Compare & pull request

Branch3 had recent pushes 5 minutes ago — Compare & pull request

Branch2 had recent pushes 3 minutes ago — Compare & pull request

Branch3 | 5 branches | 0 tags — Go to file | Add file | Code

This branch is 3 commits ahead, 1 commit behind main. ⌥ Contribute

NehaMahindrakar 3rd instruction — 01c342c 26 minutes ago 3 commits

PRG1.txt — 3rd instruction — 26 minutes ago
PRG2.txt — 3rd instruction — 26 minutes ago

About
No description, website, or topics provided.

Releases
No releases published
Create a new release

Packages
No packages published
Publish your first package

Instruction 5:

Flow Diagram:

```
C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>GIT_COMMITTER_DATE="Mon 20 Aug 2018 20:19:19 BST" git commit --amend --no-edit --date "Mon 20 Aug 2018 20:19:19 BST"
'GIT_COMMITTER_DATE' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>GIT_COMMITTER_DATE="Mon 20 Aug 2018 20:19:19 BST" git commit --amend --no-edit --date "Mon 20 Aug 2018 20:19:19 BST"
'GIT_COMMITTER_DATE' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>GIT_COMMITTER_DATE="12/12/12 4:40p+0000"
'GIT_COMMITTER_DATE' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>set GIT_COMMITTER_DATE="12/12/12 4:40p+0000"

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git commit --amend --no-edit
[Branch2 672757d] renamed
 Date: Thu Aug 26 18:34:02 2021 -0400
 1 file changed, 0 insertions(+), 0 deletions(-)
 rename PRG2.txt => prg2.txt (100%)

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git switch master
Switched to branch 'master'

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>set GIT_COMMITTER_DATE="12/12/12 4:40p+0000"

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git commit --amend --no-edit
[master 56f35f3] 3rd instruction
 Date: Thu Aug 26 18:03:51 2021 -0400
 2 files changed, 7 insertions(+)

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git switch Branch2
Switched to branch 'Branch2'

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>git log --all --decorate --oneline --graph
* 6fdd77c (origin/Branch2) renamed
* 1b6e0be (Branch1) Program 2 modified
* a8f1940 Program 2 modified
| * 672757d (HEAD -> Branch2) renamed
|/
* | 06435fd Instruction5
* | 648b467 instruction4
* 01c342c (origin/master, origin/Branch3, Branch3) 3rd instruction
| | * 56f35f3 (master) 3rd instruction
| |/
|/|
* | 23367da Changed PRG2 twice
|/
* 3f6b496 (origin/Branch1) 1st commit

C:\Users\Neha D M\Desktop\Head\Neha\Team26\Devops>
```