

# DevOps Hackathon

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## Instruction1 :

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@hello-world MINGW64 ~ (main)
$ mkdir HEAD
dell@hello-world MINGW64 ~ (main)
$ cd HEAD
dell@hello-world MINGW64 ~/HEAD (main)
$ mkdir sumith/Team5/DevOps
mkdir: cannot create directory 'sumith/Team5/DevOps': No such file or directory
dell@hello-world MINGW64 ~/HEAD (main)
$ mkdir sumith
dell@hello-world MINGW64 ~/HEAD (main)
$ cd sumith
dell@hello-world MINGW64 ~/HEAD/sumith (main)
$ mkdir Team5
dell@hello-world MINGW64 ~/HEAD/sumith (main)
$ cd Team5
dell@hello-world MINGW64 ~/HEAD/sumith/Team5 (main)
$ mkdir DevOps
dell@hello-world MINGW64 ~/HEAD/sumith/Team5 (main)
$ cd DevOps
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps (main)
$ git pull https://github.com/sumith-018/DevOps.git
fatal: Couldn't find remote ref HEAD
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps (main)
$ git clone https://github.com/sumith-018/DevOps.git
Cloning into 'DevOps'...
warning: You appear to have cloned an empty repository.
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps (main)
$ ls -la
total 0
drwxr-xr-x 1 dell 197121 0 Aug 26 16:18 ./
drwxr-xr-x 1 dell 197121 0 Aug 26 16:16 ../
drwxr-xr-x 1 dell 197121 0 Aug 26 16:18 DevOps/
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps (master)
$ cd DevOps
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ vi PRG1.txt
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ vi PRG2.txt
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/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)
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git add .
warning: LF will be replaced by CRLF in PRG1.txt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in PRG2.txt.
The file will have its original line endings in your working directory
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit -m "This is first commit"
[master (root-commit) c6df80b] This is first commit
2 files changed, 2 insertions(+)
create mode 100644 PRG1.txt
create mode 100644 PRG2.txt
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git status
On branch master
Your branch is based on 'origin/master', but the upstream is gone.
  (use "git branch --unset-upstream" to fixup)

nothing to commit, working tree clean
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git branch --unset-upstream

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git status
On branch master
nothing to commit, working tree clean

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git log
commit c6df89b49b436aef39c4cdef8367035db1e370e9 (HEAD -> master)
Author: sumith-018 <sumithsaibudde@gmail.com>
Date: Thu Aug 26 16:28:18 2021 +0530

    This is first commit

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

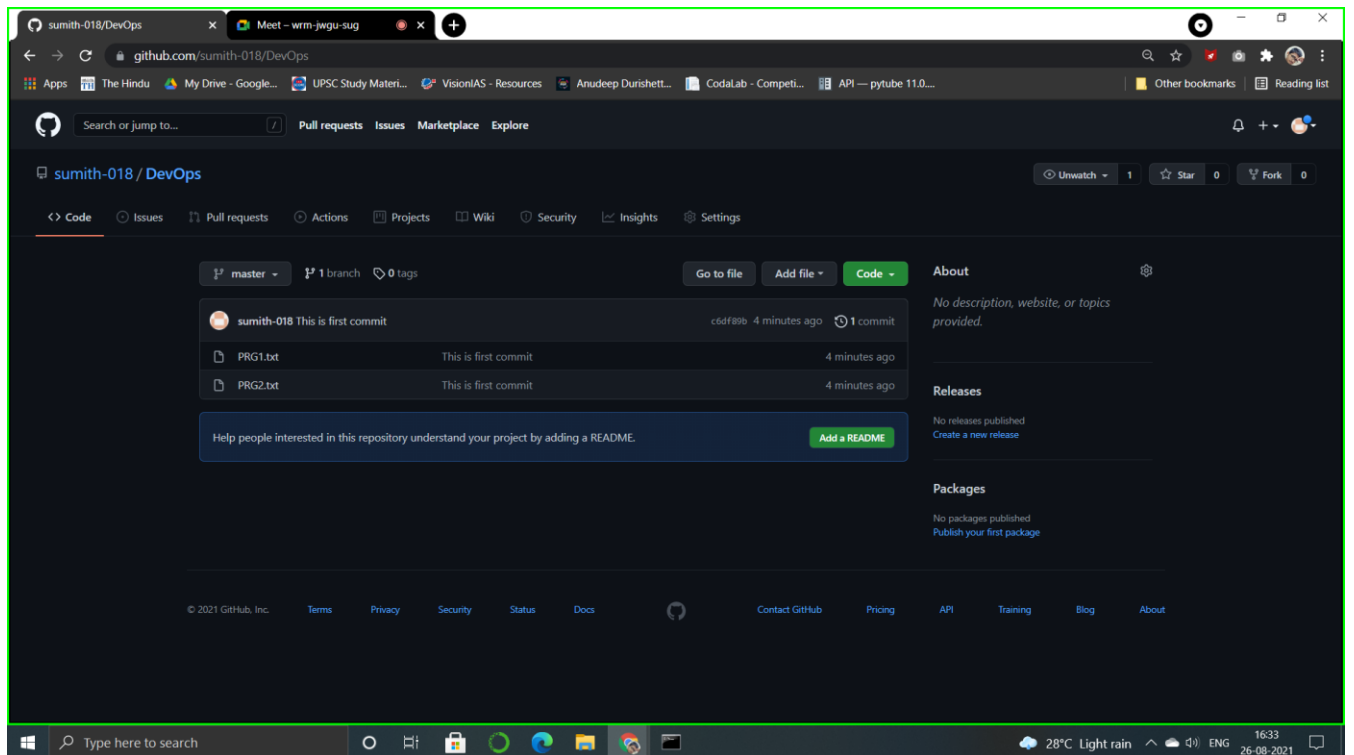
    git push --set-upstream origin master

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push --set-upstream 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), 309 bytes | 154.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sumith-018/DevOps.git
 * [new branch] master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat PRG1.txt
print("Hello world")

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ vi PRG1.txt

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat PRG1.txt
```



```
MINGW64/C:/Users/dell/sumith/Team5/DevOps/DevOps
dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ vi PRG1.txt

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat PRG1.txt
print("Hello world")
print("This is Line 2")

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/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

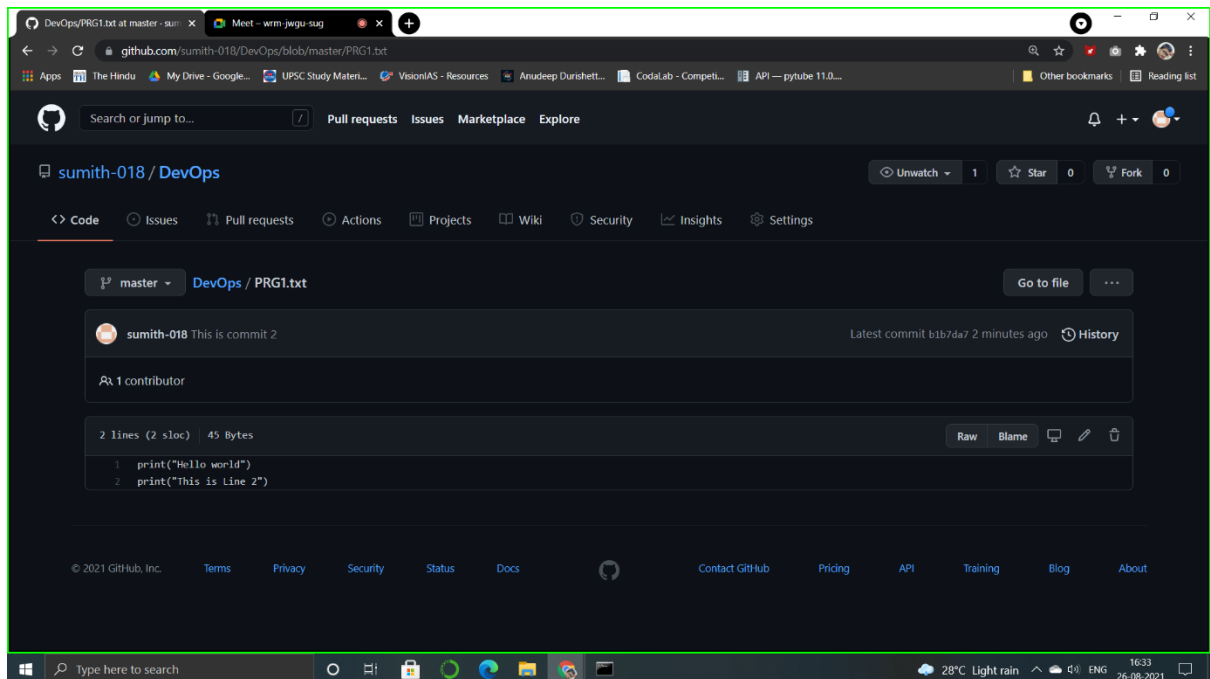
no changes added to commit (use "git add" and/or "git commit -a")

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git add .
warning: LF will be replaced by CRLF in PRG1.txt.
The file will have its original line endings in your working directory

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit -m "This is commit 2"
[master b1b7da7] This is commit 2
1 file changed, 1 insertion(+)

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push --set-upstream origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 311 bytes | 311.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
to https://github.com/sumith-018/DevOps.git
   c6df89b..b1b7da7  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

dell@hello-world MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$
```



## Instruction 2:

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/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")

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git add .
warning: LF will be replaced by CRLF in PRG1.txt.
The file will have its original line endings in your working directory

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit -m "This is commit 2"
[master b1b7da7] This is commit 2
1 file changed, 1 insertion(+)

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push --set-upstream origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 311 bytes | 311.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
to https://github.com/sumith-018/DevOps.git
cdcf89b..b1b7da7 master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ echo "Instruction 2"
Instruction 2

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git checkout -b Branch1
Switched to a new branch 'Branch1'

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ vi PRG2.txt
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
$ vi PRG2.txt

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ cat PRG2.txt
print("This is DevOps Hackathon")
print("This is Profit-Loss Module")

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ git add .
warning: LF will be replaced by CRLF in PRG2.txt.
The file will have its original line endings in your working directory

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ git commit -m "This is commit 3"
[Branch1 0195122] This is commit 3
1 file changed, 2 insertions(+), 3 deletions(-)

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ vi PRG2.txt

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ cat PRG2.txt
print("This is DevOps Hackathon")
print("This is Profit-Loss Module")
print("Profit is opposite of Loss")

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ git add .
warning: LF will be replaced by CRLF in PRG2.txt.
The file will have its original line endings in your working directory

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ git commit -m "This is commit 4"
[Branch1 1580308] This is commit 4
1 file changed, 1 insertion(+)

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ git status
On branch Branch1
nothing to commit, working tree clean

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
MINGW64/C/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ echo "2 days passed"
2 days passed

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git merge Branch1
Updating b1b7da7..1580308
Fast-forward
 PRG2.txt | 2 ++
 1 file changed, 2 insertions(+)

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat PRG2.txt
print("This is DevOps Hackathon")
print("This is Profit-Loss Module")
print("Profit is opposite of Loss")

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push origin master
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 8 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (12/12), 1.11 KiB | 379.00 KiB/s, done.
Total 12 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/sumith-018/devOps.git
 b1b7da7..1580308 master -> master

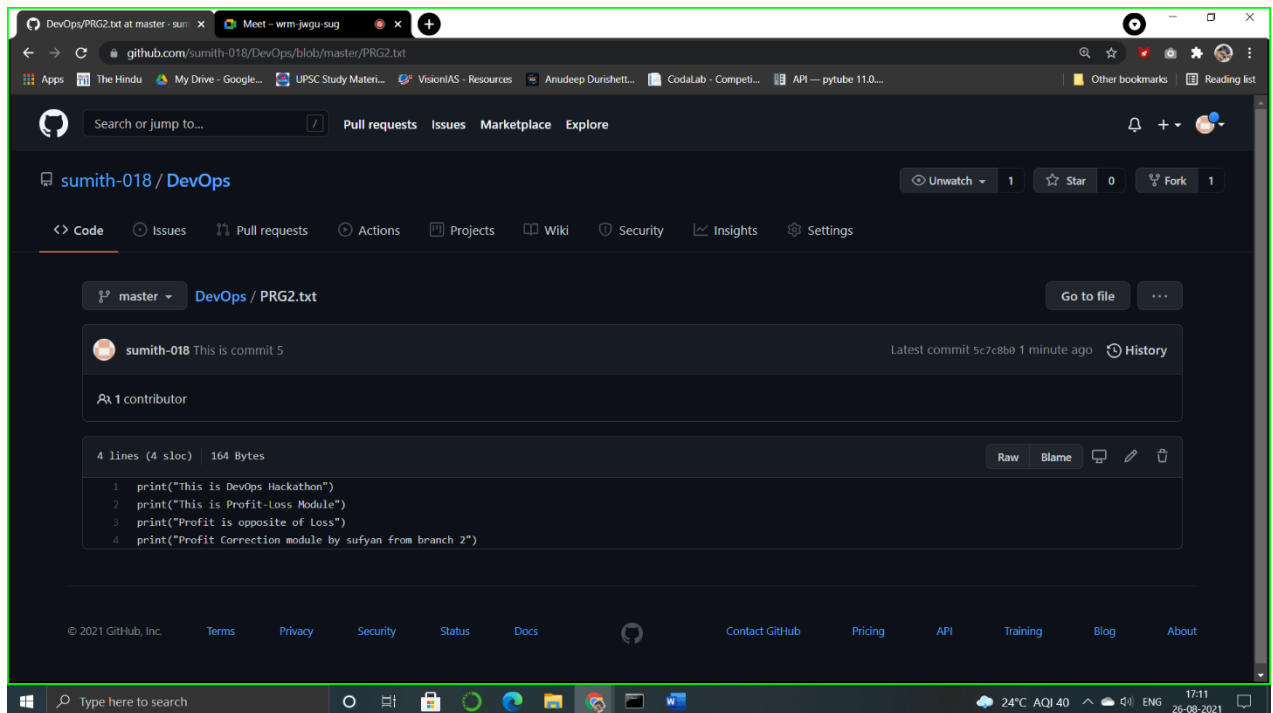
dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git branch -d Branch1
Deleted branch Branch1 (was 1580308).

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git branch
* master

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
```



## Instruction 3 :

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
del@Hello-World MINGW64 ~ (main)
$ cd HEAD
del@Hello-World MINGW64 ~/HEAD (main)
$ cd sumith
del@Hello-World MINGW64 ~/HEAD/sumith (main)
$ cd Team5
del@Hello-World MINGW64 ~/HEAD/sumith/Team5 (main)
$ cd DevOps
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps (master)
$ git clone https://github.com/sumith-018/DevOps.git
Cloning into 'DevOps'...
remote: Enumerating objects: 22, done.
remote: Counting objects: 100% (22/22), done.
remote: Compressing objects: 100% (17/17), done.
remote: Total 22 (delta 3), reused 18 (delta 2), pack-reused 0
Receiving objects: 100% (22/22), done.
Resolving deltas: 100% (3/3), done.
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps (master)
$ cd DevOps
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ ls -la
total 16
drwxr-xr-x 1 dell 197121  0 Aug 26 17:38 ./
drwxr-xr-x 1 dell 197121  0 Aug 26 17:38 ../
drwxr-xr-x 1 dell 197121  0 Aug 26 17:38 .git/
-rw-r--r-- 1 dell 197121 47 Aug 26 17:38 PRG1.txt
-rw-r--r-- 1 dell 197121 168 Aug 26 17:38 PRG2.txt
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git checkout -b Branch3
Switched to a new branch 'Branch3'
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ cat PRG1.txt
print("Hello world")
print("This is Line 2")
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ vi PRG1.txt
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ cat PRG1.txt
print("Hello world")
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git checkout -b Branch3
Switched to a new branch 'Branch3'
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ cat PRG1.txt
print("Hello world")
print("This is Line 2")
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ vi PRG1.txt
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ cat PRG1.txt
print("Hello world")
print("This is Line 2")
print("This is Task 3")
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ git add .
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ git commit -m "Commit 5"
[Branch3 f6034a4] Commit
1 file changed, 1 insertion(+)
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ vi PRG1.txt
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat PRG1.txt
print("Hello world")
print("This is Line 2")
print("This is devops course")
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git add .
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit "commit 6"
error: pathspec 'commit 6' did not match any file(s) known to git
del@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit -m "commit 6"
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit -m "Commit 6"
[master 9d2ed80] commit 6
1 file changed, 1 insertion(+)

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/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.

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ echo "Merge Conflict Created"
Merge Conflict Created

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ cat PRG1.txt
print("Hello world")
print("This is line 2")
<<<<<< HEAD
print("This is devops course")
>>>>>> Branch3
print("This is Task 3")
>>>>>> Branch3

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ echo "resolving the conflict"
resolving the conflict

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ vi PRG1.txt

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ cat PRG1.txt
print("Hello world")
print("This is line 2")
print("This is devops course")

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ git add .

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ git commit -m "Commit 7"
[master 4693ff9] Commit 7

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 3 commits.
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat .git/HEAD
ref: refs/heads/master

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$
```

## Instruction 4 :

The screenshot shows a GitHub repository page for 'SufyanSN / DevOps-1' and a Visual Studio Code terminal window. The GitHub page displays the repository's history, including a commit titled 'High priority bug-fix' by 'SufyanSN' 4 minutes ago. The Visual Studio Code terminal shows the execution of a git push command, which successfully pushed the 'branch3' to the remote repository.

**GitHub Repository Page:**

- Repository: SufyanSN / DevOps-1
- forked from sumith-018/DevOps
- patch-1 had recent pushes 43 minutes ago
- branch3 had recent pushes 2 minutes ago
- branch3 is 1 commit ahead of sumith-018/master.
- Commits: PRG1.txt, PRG2.txt, PRG3.txt

**Visual Studio Code Terminal:**

```
PRG3.txt (deleted) - Sufyan_01 - Visual Studio Code
DevOps > PRG3.txt
1 printf('This is the high priority bug fixing task')

[branch3 1794895] High priority bug-fix
1 file changed, 1 insertion(+)
create mode 100644 PRG3.txt

F:\Sufyan_01\DevOps>git status
On branch branch3
nothing to commit, working tree clean

F:\Sufyan_01\DevOps>git push https://github.com/SufyanSN/DevOps-1.git
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 357 bytes | 119.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Create a pull request for 'branch3' on GitHub by visiting:
remote:   https://github.com/SufyanSN/DevOps-1/pull/new/branch3
remote: To https://github.com/SufyanSN/DevOps-1.git
* [new branch] branch3 -> branch3

F:\Sufyan_01\DevOps>git branch
branch2
```

## Instruction 5 :

The screenshot shows a Windows command prompt window with the following commands and outputs:

```
MINGW64~/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
$ ls -la
total 11
drwxr-xr-x 1 dell 197121  0 Aug 26 18:05 ./
drwxr-xr-x 1 dell 197121  0 Aug 26 18:04 ../
drwxr-xr-x 1 dell 197121  0 Aug 26 18:06 .git/
-rw-r--r-- 1 dell 197121 47 Aug 26 18:04 PRG1.txt
-rw-r--r-- 1 dell 197121 199 Aug 26 18:04 PRG2.txt
-rw-r--r-- 1 dell 197121 51 Aug 26 18:04 PRG3.txt

$ cat PRG2.txt
printf("This is DevOps Hackathon")
printf("This is Profit-Loss Module")
printf("Profit is opposite of Loss")
printf("Profit Correction module by sufyan from branch 2")

printf("branch_02 updated")
$ vi PRG2.txt
$ cat PRG2.txt
printf("This is DevOps Hackathon")
printf("This is Profit-Loss Module")
printf("Profit is opposite of Loss")
printf("Profit Correction module by sufyan from branch 2")

printf("branch_02 updated")
printf("and saved")

$ echo "have to change file name"
have to change file name

$ git mv PRG2.txt prg2.txt

$ ls -la
total 15
drwxr-xr-x 1 dell 197121  0 Aug 26 18:09 ./
drwxr-xr-x 1 dell 197121  0 Aug 26 18:04 ../
drwxr-xr-x 1 dell 197121 47 Aug 26 18:09 .git/
-rw-r--r-- 1 dell 197121 222 Aug 26 18:07 prg2.txt
-rw-r--r-- 1 dell 197121 51 Aug 26 18:04 PRG3.txt
```



```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
delHello-World MINGW64 ~ /HEAD/sumith/Team5/DevOps/DevOps (Branch2)
$ git status
On branch Branch2
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:   PRG2.txt -> prg2.txt

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

delHello-World MINGW64 ~ /HEAD/sumith/Team5/DevOps/DevOps (Branch2)
$ git add .

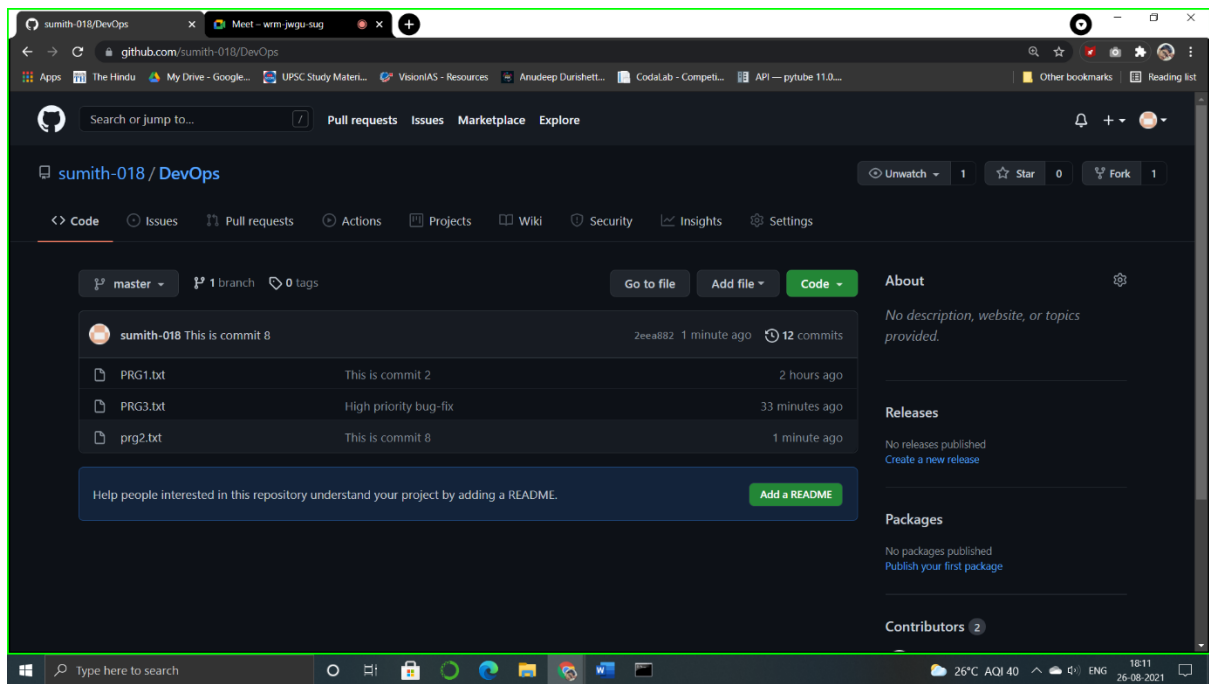
delHello-World MINGW64 ~ /HEAD/sumith/Team5/DevOps/DevOps (Branch2)
$ git commit -m "This is commit 8"
[Branch2 2eea882] This is commit 8
1 file changed, 2 insertions(+), 1 deletion(-)
rename PRG2.txt -> prg2.txt (77%)

delHello-World MINGW64 ~ /HEAD/sumith/Team5/DevOps/DevOps (Branch2)
$ git status
On branch Branch2
nothing to commit, working tree clean

delHello-World MINGW64 ~ /HEAD/sumith/Team5/DevOps/DevOps (Branch2)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

delHello-World MINGW64 ~ /HEAD/sumith/Team5/DevOps/DevOps (master)
$ git merge Branch2
Updating 3e175c7..2eea882
Fast-forward
 PRG2.txt => prg2.txt | 3 ++-
1 file changed, 2 insertions(+), 1 deletion(-)
rename PRG2.txt -> prg2.txt (77%)

delHello-World MINGW64 ~ /HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 439 bytes | 219.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
to https://github.com/sumith-018/DevOps.git
```



## Instruction 6:

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ echo "."
.

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ echo "changing the last commit date"
changing the last commit date

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git COMMITTER DATE="Thu 19 Aug 2021 20:19:19 IST" git commit --amend --no-edit --date "Thu 19 Aug 2021 20:19:19 IST"
[master 8f49940] This is commit 8
Date: Thu Aug 19 20:19:19 2021 +0530
1 file changed, 2 insertions(+), 1 deletion(-)
rename PRG2.txt => prg2.txt (77%)

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git status
On 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)

nothing to commit, working tree clean

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git log
commit 8f49940028751f3f7d81f9ec2fbcd9c94f2fa8 (HEAD -> master)
Author: sumith-018 <sumithsaibudde@gmail.com>
Date: Thu Aug 19 20:19:19 2021 +0530

    This is commit 8

commit 3c175c792d17433cad9b5ebca5b09909fdb5985d
Merge: 661b7a1 fe9d7a2
Author: sumith-018 <53033077@sumith-018@users.noreply.github.com>
Date: Thu Aug 26 18:02:18 2021 +0530

    Merge pull request #2 from SufyanSN/branch_02

    Branch_02 Updated

commit feb472ce926b38998cc5994b19d43f356c562c
Author: SufyanSN <technerd756@gmail.com>
Date: Thu Aug 26 17:58:54 2021 +0530

    Branch_02 Updated

commit 661b7a1f731847117b4eb5a2d2935b4625929d27
Merge: 5c7c8b0 1794095
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
hint: and commit the result with 'git commit'

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
$ git revert --abort
error: Untracked working tree file 'prg2.txt' would be overwritten by merge.
fatal: Could not reset index file to revision '035c9a8f12981adfe53d229c79f39b77badabe7d'.

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
$ git revert HEAD~1
error: Reverting is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: revert failed

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
$ git revert --continue
error: Committing is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.
0
PRG2.txt

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
$ ls -la
total 15
drwxr-xr-x 1 dell 197121  0 Aug 26 18:22 ./
drwxr-xr-x 1 dell 197121  0 Aug 26 18:04 ../
drwxr-xr-x 1 dell 197121  0 Aug 26 18:24 .git/
-rw-r--r-- 1 dell 197121 47 Aug 26 18:04 PRG1.txt
-rw-r--r-- 1 dell 197121 426 Aug 26 18:22 PRG2.txt
-rw-r--r-- 1 dell 197121 51 Aug 26 18:04 PRG3.txt

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
$ git mv PRG2.txt prg2.txt
fatal: conflicted, source=PRG2.txt, destination=prg2.txt

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
$ ls -la
total 15
drwxr-xr-x 1 dell 197121  0 Aug 26 18:22 ./
drwxr-xr-x 1 dell 197121  0 Aug 26 18:04 ../
drwxr-xr-x 1 dell 197121  0 Aug 26 18:25 .git/
-rw-r--r-- 1 dell 197121 47 Aug 26 18:04 PRG1.txt
-rw-r--r-- 1 dell 197121 426 Aug 26 18:22 PRG2.txt
-rw-r--r-- 1 dell 197121 51 Aug 26 18:04 PRG3.txt

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
$ ^C

del1@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|REVERTING)
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
>>>>> parent of fe9d7a2 (Branch_02 Updated):PRG2.txt

sufyan@sumith-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ ls -la
total 15
drwxr-xr-x 1 dell 197121  0 Aug 26 18:26 ./
drwxr-xr-x 1 dell 197121  0 Aug 26 18:04 ../
drwxr-xr-x 1 dell 197121  0 Aug 26 18:26 git/
-rw-r--r-- 1 dell 197121 47 Aug 26 18:04 PRG1.txt
-rw-r--r-- 1 dell 197121 310 Aug 26 18:26 prg2.txt
-rw-r--r-- 1 dell 197121 51 Aug 26 18:04 PRG3.txt

sufyan@sumith-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ vi prg2.txt

sufyan@sumith-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat prg2.txt
print("This is DevOps Hackathon")
print("This is Profit-Loss Module")
print("Profit is opposite of Loss")
print("Profit Correction module by sufyan from branch 2")

printf("branch_02 updated")
printf("And saved")

sufyan@sumith-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ echo "typographic error corrected"
typographic error corrected

sufyan@sumith-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git add .

sufyan@sumith-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit -m "This is commit x"
[master 057ab79] This is commit x
1 file changed, 2 insertions(+), 4 deletions(-)

sufyan@sumith-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git log
commit 057ab7907e0841376bcf62e380b7536cfa7f25e (HEAD -> master)
Author: sumith-018 <sumithsaibudde@gmail.com>
Date: Thu Aug 26 18:28:52 2021 +0530

    This is commit x

commit 035c9a8f12901adfe53d229c79f39b77badabe7d
Author: sumith-018 <sumithsaibudde@gmail.com>
Date: Thu Aug 26 18:19:50 2021 +0530
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
Date: Thu Aug 26 18:28:52 2021 +0530

    This is commit x

commit 035c9a8f12901adfe53d229c79f39b77badabe7d
Author: sumith-018 <sumithsaibudde@gmail.com>
Date: Thu Aug 26 18:19:50 2021 +0530

    This is commit xit

commit 8f49940028751f3f7d81f9ec2fbbcd9c94f2fa8
Author: sumith-018 <sumithsaibudde@gmail.com>
Date: Thu Aug 19 20:19:19 2021 +0530

    This is commit 8

commit 3c175c792d17d33cad9b5ebca5b09909fdb5985d
Merge: 661b7a1 fe9d7a2
Author: sumith-018 <53033077+sumith-018@users.noreply.github.com>
Date: Thu Aug 26 18:02:18 2021 +0530

    Merge pull request #2 from SufyanSN/branch_02

    Branch_02 Updated

commit fe9d7a2ed926b3809bcea5994b19dd3f356c562c
Author: SufyanSN <technerd756@gmail.com>
Date: Thu Aug 26 17:58:54 2021 +0530

    Branch_02 Updated

commit 661b7a1f711847117b4eb5a2d2935b462592d27
Merge: 5c7c8b0 1794095
Author: sumith-018 <53033077+sumith-018@users.noreply.github.com>
Date: Thu Aug 26 17:53:41 2021 +0530

    Merge pull request #1 from SufyanSN/branch3

    High priority bug-fix

commit 179409530b6d5e173e28021b91a7488f45798c69
Author: SufyanSN <technerd756@gmail.com>
Date: Thu Aug 26 17:37:29 2021 +0530

    High priority bug-fix

commit 5c7c8b05a4823d62ffbb2425263236301d10a3b8

```

## Instruction 7 :

```
MINGW64:/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
error: Merging is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master|MERGING)
$ git merge --abort

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git branch
  Branch2
  Branch3
* master

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git merge Branch3
Already up to date.

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git branch -d Branch2
error: The branch 'Branch2' is not fully merged.
If you are sure you want to delete it, run 'git branch -D Branch2'.

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git branch -D Branch2
Deleted branch Branch2 (was 2eea882).

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push origin master
To https://github.com/sumith-018/DevOps.git
```

## Instruction 8 :

```
MINGW64:/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ vi README.md
dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ cat README.md
git init
git add .
git clone https://github.com/sumith-018/DevOps.git
git push origin master
git checkout -b <branch>
git revert <commit_id>
git stash
git status
git stash list
git stash apply <stash_id>
git merge <branch>
git merge --abort
git commit -m ""
git log
git mv <file1_name> <file2_name>
GIT_COMMITTER_DATE="Mon 20 Aug 2018 20:19:19 IST" git commit --amend --no-edit --date "Mon 20 Aug 2018 20:19:19 IST"
cat .git/HEAD

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push origin master
Everything up-to-date

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git add .
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git commit -m "Final commit"
[master 99b2c88] Final commit
1 file changed, 18 insertions(+)
create mode 100644 README.md

dell@Hello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (master)
$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 582 bytes | 291.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sumith-018/DevOps.git
2eea882..99b2c88 master -> master
```

```
MINGW64/c/Users/dell/HEAD/sumith/Team5/DevOps/DevOps
delHello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$ echo " Bug Fix Branch and master branch already pushed "
Bug Fix Branch and master branch already pushed
delHello-World MINGW64 ~/HEAD/sumith/Team5/DevOps/DevOps (Branch3)
$
```

---