

ASSIGNMENT 1

```
MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace
$ mkdir GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace
$ cd GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject
$ git init
Initialized empty Git repository in C:/Workspace/GitProject/.git/

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ touch .git/hooks/pre-commit

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ cd .git/hooks

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject/.git/hooks (GIT_DIR!)
$ ls
applypatch-msg.sample*      pre-merge-commit.sample*
commit-msg.sample*          pre-push.sample*
fsmonitor-watchman.sample*  pre-rebase.sample*
post-update.sample*         pre-receive.sample*
pre-applypatch.sample*      prepare-commit-msg.sample*
```

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pre-applypatch.sample*      prepare-commit-msg.sample*
pre-commit                  push-to-checkout.sample*
pre-commit.sample*          update.sample*

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject/.git/hooks (GIT_DIR!)
$ vi pre-commit

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject/.git/hooks (GIT_DIR!)
$ cd ..

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject/.git (GIT_DIR!)
$ cd ..

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ chmod +x .git/hooks/pre-commit

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ touch TestFile1.txt TestFile2.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git status
On branch master

No commits yet
```

```
MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    TestFile1.txt
    TestFile2.txt

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

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git add .
bash: git: command not found

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git add .
```

```
MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   TestFile1.txt
    new file:   TestFile2.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git commit -m "TWO TEXT FILES ADDED"
.git/hooks/pre-commit: line 3: $'\n': command not found
Thanks for creating a commit
[master (root-commit) 090f618] TWO TEXT FILES ADDED
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 TestFile1.txt
 create mode 100644 TestFile2.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$
```

```
MINGW64:/c/Workspace/GitProject
reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ mkdir src

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ touch src/Testfile3.txt src/Testfile4.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git add .

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   src/Testfile3.txt
    new file:   src/Testfile4.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git commit -m "TWO MORE TEXT FILES ADDED"
.git/hooks/pre-commit: line 3: $'\n': command not found
Thanks for creating a commit
[master 6cb81d7] TWO MORE TEXT FILES ADDED
 2 files changed, 0 insertions(+), 0 deletions(-)
```

```
MINGW64:/c/Workspace/GitProject
reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ echo "TEXT ADDED" >> src/Testfile4.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git diff src/Testfile4.txt
warning: in the working copy of 'src/Testfile4.txt', LF will be replaced by CRLF
the next time Git touches it
diff --git a/src/Testfile4.txt b/src/Testfile4.txt
index e69de29..07ff73f 100644
--- a/src/Testfile4.txt
+++ b/src/Testfile4.txt
@@ -0,0 +1,2 @@
+TEXT ADDED
```

```
MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git commit -m "MODIFIED TESTFILE4"
.git/hooks/pre-commit: line 3: $'\n': command not found
Thanks for creating a commit
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:   src/Testfile4.txt

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

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git commit -am "MODIFIED TESTFILE4"
warning: in the working copy of 'src/Testfile4.txt', LF will be replaced by CRLF
the next time Git touches it
.git/hooks/pre-commit: line 3: $'\n': command not found
Thanks for creating a commit
[master cf04793] MODIFIED TESTFILE4
 1 file changed, 2 insertions(+)

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ |
```

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MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git log
commit cf04793ebbccfd0efd9a5bb8c25fd3ab8ca2423f (HEAD -> master)
Author: Yash Sharma <reyansh41882@gmail.com>
Date:   Mon Jan 30 00:55:03 2023 +0530

    MODIFIED TESTFILE4

commit 6cb81d777c0e222c0b2f3da84bb1f002f16efe17
Author: Yash Sharma <reyansh41882@gmail.com>
Date:   Mon Jan 30 00:51:10 2023 +0530

    TWO MORE TEXT FILES ADDED

commit 090f61841af75adfd1aede988fef797a495ade01
Author: Yash Sharma <reyansh41882@gmail.com>
Date:   Sun Jan 29 20:40:49 2023 +0530

    TWO TEXT FILES ADDED

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ |
```

```
MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git remote set-url origin https://github.com/Yash41882/Assignment.git

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git push --force origin master
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (10/10), 787 bytes | 393.00 KiB/s, done.
Total 10 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/Yash41882/Assignment.git
+ c5c2053...cf04793 master -> master (forced update)

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$
```

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MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git branch NewBranch

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$ git checkout NewBranch
Switched to branch 'NewBranch'

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$ touch NewBranchFile.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$ git add NewBranchFile.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$ git commit -m "ADDED NEW BRANCH FILE"
.git/hooks/pre-commit: line 3: $'\n': command not found
Thanks for creating a commit
[NewBranch 9079761] ADDED NEW BRANCH FILE
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 NewBranchFile.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$ git push -u origin NewBranch
```

```
MINGW64:/c/Workspace/GitProject
Thanks for creating a commit
[NewBranch 9079761] ADDED NEW BRANCH FILE
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 NewBranchFile.txt

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$ git push -u origin NewBranch
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 265 bytes | 265.00 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.
remote:
remote: Create a pull request for 'NewBranch' on GitHub by visiting:
remote:   https://github.com/Yash41882/Assignment/pull/new/NewBranch
remote:
To https://github.com/Yash41882/Assignment.git
 * [new branch]      NewBranch -> NewBranch
branch 'NewBranch' set up to track 'origin/NewBranch'.

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$
```

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MINGW64:/c/Workspace/GitProject

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$ git push origin master
Everything up-to-date

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (NewBranch)
$ git checkout master
Switched to branch 'master'

reyan@LAPTOP-5T6PFF1R MINGW64 /c/Workspace/GitProject (master)
$
```

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).



base: master



compare: NewBranch

✓ Able to merge. These branches can be automatically merged.



ADDED NEW BRANCH FILE

Write

Preview

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Leave a comment

Attach files by dragging & dropping, selecting or pasting them.



Create pull request



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