

# ASSIGNMENT 2

Name: Mihir Kumar

Reg. No.: 2141011109

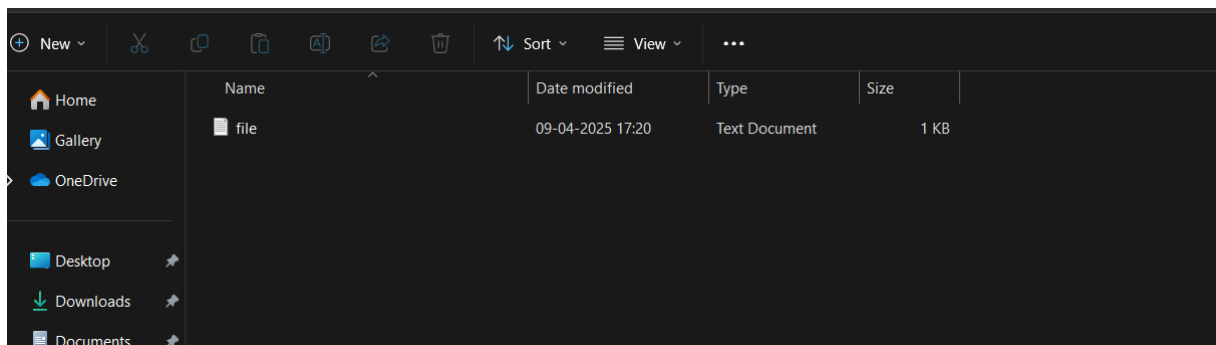
```
MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~ (master)
$ mkdir git

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~ (master)
$ cd git

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git (master)
$ mkdir assignment2

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git (master)
$ cd assignment2

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ touch file.txt
```



```

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ echo My name is Mihir >> file.txt

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git add file.txt
warning: in the working copy of 'git/assignment2/file.txt', LF will be replaced by CRLF the next time Git touches it

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git commit -m "file updated"
[master (root-commit) f64cd82] file updated
1 file changed, 1 insertion(+)
create mode 100644 git/assignment2/file.txt

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git branch assignment2

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git checkout assignment2
Switched to branch 'assignment2'

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ git log
commit f64cd826dbcb5f651d1fae879a2ede5d3dced5de (HEAD -> assignment2, master)
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:13:42 2025 +0530

    file updated

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ echo My name is Mihir kumar new text get added >> file.txt

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ git log
commit f64cd826dbcb5f651d1fae879a2ede5d3dced5de (HEAD -> assignment2, master)
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:13:42 2025 +0530

    file updated

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ git add file.txt
warning: in the working copy of 'git/assignment2/file.txt', LF will be replaced by CRLF the next time Git touches it

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ git commit -m "second line is added in file"
[assignment2 a486fda] second line is added in file
1 file changed, 1 insertion(+)

```

```

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ git log
commit a486fdad7e2c037118dbac0b0ced57b18d5bba6d (HEAD -> assignment2)
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:16:37 2025 +0530

    second line is added in file

commit f64cd826dbcb5f651d1fae879a2ede5d3dced5de (master)
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:13:42 2025 +0530

    file updated

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ git branch
HEAD          assignment2  master

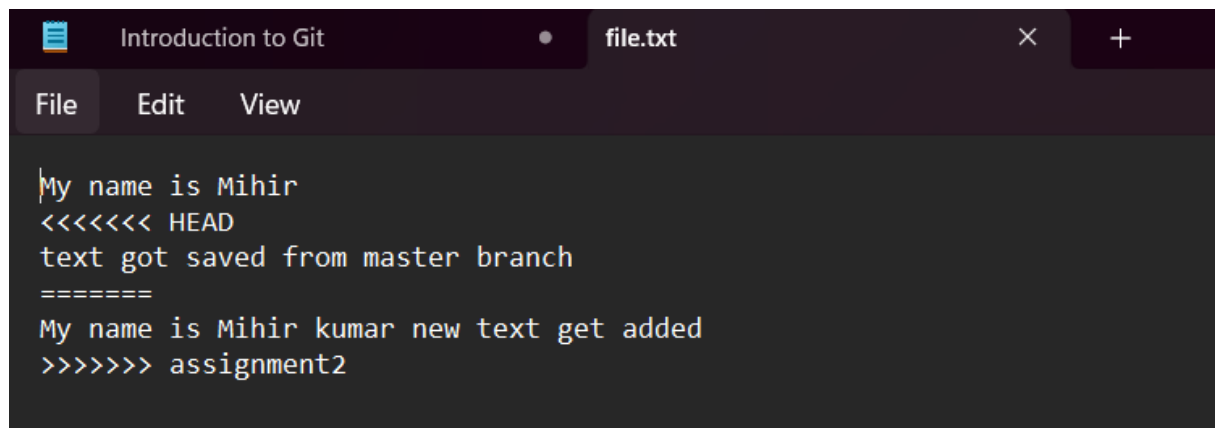
MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (assignment2)
$ git checkout master
Switched to branch 'master'

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git branch
HEAD          assignment2  master

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git checkout master
Already on 'master'

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ echo text got saved from master branch >> file.txt

```



```
My name is Mihir
<<<<<<< HEAD
text got saved from master branch
=====
My name is Mihir kumar new text get added
>>>>>>> assignment2
```

```
MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git add file.txt
warning: in the working copy of 'git/assignment2/file.txt', LF will be replaced by CRLF the next time Git touches it

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git commit -m "file got updated from master branch"
[master c6c9cc8] file got updated from master branch
1 file changed, 1 insertion(+)

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git log
commit c6c9cc8e57e45bf85479b2b57bf694453a8deaa7 (HEAD -> master)
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date:   Wed Apr 9 17:19:42 2025 +0530

    file got updated from master branch

commit f64cd826dbcb5f651d1fae879a2ede5d3dced5de
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date:   Wed Apr 9 17:13:42 2025 +0530

    file updated

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git merge assignment2
Auto-merging git/assignment2/file.txt
CONFLICT (content): Merge conflict in git/assignment2/file.txt
Automatic merge failed; fix conflicts and then commit the result.

MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master|MERGING)
$ git branch
AUTO_MERGE      HEAD          MERGE_HEAD      ORIG_HEAD      assignment2     master
```

```
MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master|MERGING)
$ git add file.txt
```

```
MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master|MERGING)
$ git commit -m "solving conflict"
[master a2b8ce2] solving conflict
```

```
MIHIR KUMAR@LAPTOP-8L9A0TAA MINGW64 ~/git/assignment2 (master)
$ git log
commit a2b8ce261992a4acc6527c37b6fec391b57f8e68 (HEAD -> master)
Merge: c6c9cc8 a486fda
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:22:01 2025 +0530
```

solving conflict

```
commit c6c9cc8e57e45bf85479b2b57bf694453a8deaa7
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:19:42 2025 +0530
```

file got updated from master branch

```
commit a486fdad7e2c037118dbac0b0ced57b18d5bba6d (assignment2)
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:16:37 2025 +0530
```

second line is added in file

```
commit f64cd826dbcb5f651d1fae879a2ede5d3dced5de
Author: Mihir Kumar <mihirawesome09@gmail.com>
Date: Wed Apr 9 17:13:42 2025 +0530
```

file updated