ASSIGNMENT 2

Name: Swayam Pradhan

Regd No: 2141016281

```
PC@DESKTOP-744JU4C MINGW64 ~
$ mkdir git

PC@DESKTOP-744JU4C MINGW64 ~
$ cd git

PC@DESKTOP-744JU4C MINGW64 ~/git
$ mkdir assignment2

PC@DESKTOP-744JU4C MINGW64 ~/git
$ cd assignment2

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2
$ touch file.txt

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2
$ |
```

```
PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ echo my name is swayam >> file1.txt

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git add file1.txt
warning: in the working copy of 'file1.txt', LF will be replaced by CRLF the nex
t time Git touches it

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git commit -m "file updated"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'PC@DESKTOP-744JU4C.(none)')

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ ^C

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git config --global user.email "swayampradhan7205@gmail.com"

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git config --global user.name "swayam"

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git commit -m "file updated"
[master (root-commit) 4323353] file updated
 1 file changed, 2 insertions(+)
 create mode 100644 file1.txt

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git branch assignment2

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git checkout assignment2
Switched to branch 'assignment2'

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ git log
commit 432335350752454fc6dd325bef7ec552a94e4a31 (HEAD -> assignment2, master)
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 22:58:48 2025 +0530

    file updated

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ echo my name is swayam pradhan new text get added >> file1.txt

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ git log
commit 432335350752454fc6dd325bef7ec552a94e4a31 (HEAD -> assignment2, master)
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 22:58:48 2025 +0530

    file updated

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ git add file1.txt
warning: in the working copy of 'file1.txt', LF will be replaced by CRLF the nex
t time Git touches it
```

```
PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ git commit -m "second line is added in file"
[assignment2 c9d13e2] second line is added in file
 1 file changed, 1 insertion(+)

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ git log
commit c9d13e22fca08b1cfa1bdf30b5762809f2e51407 (HEAD -> assignment2)
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:00:19 2025 +0530

    second line is added in file

commit 432335350752454fc6dd325bef7ec552a94e4a31 (master)
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 22:58:48 2025 +0530

    file updated

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ git branch
* assignment2
  master

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (assignment2)
$ git checkout master
Switched to branch 'master'

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git branch
  assignment2
* master

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git checkout master
Already on 'master'

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ echo text got saved from master branch >> file1.txt
```
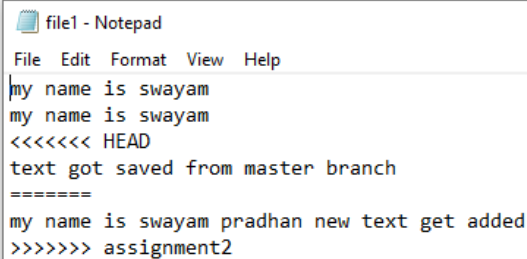
```
file1 - Notepad

File  Edit  Format  View  Help
my name is swayam
my name is swayam
<<<<<<< HEAD
text got saved from master branch
=======
my name is swayam pradhan new text get added
>>>>>>> assignment2
```

```
PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git add file1.txt
warning: in the working copy of 'file1.txt', LF will be replaced by CRLF the nex
t time Git touches it

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git commit -m "file got updated from master branch"
[master 60df209] file got updated from master branch
 1 file changed, 1 insertion(+)

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git log
commit 60df209374c574c292f9ebd9611dd8f2fe41a00e (HEAD -> master)
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:06:22 2025 +0530

    file got updated from master branch

commit 432335350752454fc6dd325bef7ec552a94e4a31
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 22:58:48 2025 +0530

    file updated

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master)
$ git merge assignment2
Auto-merging file1.txt
CONFLICT (content): Merge conflict in file1.txt
Automatic merge failed; fix conflicts and then commit the result.

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master|MERGING)
$ git branch'
> ^C

PC@DESKTOP-744JU4C MINGW64 ~/git/assignment2 (master|MERGING)
$ git branch
  assignment2
* master
```

```
commit 8ec95e5936122ce4f7912c877926e5501b0c9071 (HEAD -> master)
Merge: 60df209 c9d13e2
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:08:41 2025 +0530

    solving conflict

commit 60df209374c574c292f9ebd9611dd8f2fe41a00e
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:06:22 2025 +0530

    file got updated from master branch

commit c9d13e22fca08b1cfa1bdf30b5762809f2e51407 (assignment2)
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:00:19 2025 +0530

    second line is added in file

commit 432335350752454fc6dd325bef7ec552a94e4a31
:...skipping...
commit 8ec95e5936122ce4f7912c877926e5501b0c9071 (HEAD -> master)
Merge: 60df209 c9d13e2
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:08:41 2025 +0530

    solving conflict

commit 60df209374c574c292f9ebd9611dd8f2fe41a00e
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:06:22 2025 +0530

    file got updated from master branch

commit c9d13e22fca08b1cfa1bdf30b5762809f2e51407 (assignment2)
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 23:00:19 2025 +0530

    second line is added in file

commit 432335350752454fc6dd325bef7ec552a94e4a31
Author: swayam <swayampradhan7205@gmail.com>
Date:   Wed Apr 9 22:58:48 2025 +0530

    file updated
```