

```
Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (html)
$ git branch
  assets
* html
  images
  main
  text

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (html)
$ git log
commit 7bc08cff93dbdec127fa2813c3b4e053a70e018 (HEAD -> html)
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:37:08 2023 +0600

    Add index.html in html branch

commit 68865006c71e65bd45310261fc655d0aa040ff20 (main)
Author: Quazi Masudur Rahman <71102354+qmranik@users.noreply.github.com>
Date: Thu Oct 5 01:21:31 2023 +0600

    Initial commit

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (html)
$
```

```
Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (images)
$ git branch
  assets
  html
* images
  main
  text

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (images)
$ git log
commit 69f9ed67ec34386a4e11728747d92815a6a927a5 (HEAD -> images)
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:40:49 2023 +0600

    Add images dir in images branch

commit 68865006c71e65bd45310261fc655d0aa040ff20 (main)
Author: Quazi Masudur Rahman <71102354+qmranik@users.noreply.github.com>
Date: Thu Oct 5 01:21:31 2023 +0600

    Initial commit

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (images)
$
```

```
Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (text)
$ git branch
  assets
  html
  images
  main
* text

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (text)
$ git log
commit 7dbb2427c51d5ca47ddd87c24971bad5e01f3797 (HEAD -> text)
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:38:38 2023 +0600

    Add license.txt in text branch

commit 68865006c71e65bd45310261fc655d0aa040ff20 (main)
Author: Quazi Masudur Rahman <71102354+qmranik@users.noreply.github.com>
Date: Thu Oct 5 01:21:31 2023 +0600

    Initial commit

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (text)
$
```

```
Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (assets)
$ git branch
* assets
  html
  images
  main
  text

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (assets)
$ git log
commit be4103b0c9fa3032b80edf866e296b8dc23c64b5 (HEAD -> assets)
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:39:48 2023 +0600

    Add assets dir in assets branch

commit 68865006c71e65bd45310261fc655d0aa040ff20 (main)
Author: Quazi Masudur Rahman <71102354+qmranik@users.noreply.github.com>
Date: Thu Oct 5 01:21:31 2023 +0600

    Initial commit

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (assets)
$
```

```
Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (assets)
$ git checkout main
Switched to branch 'main'

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (main)
$ git log
commit 68865006c71e65bd45310261fc655d0aa040ff20 (HEAD -> main)
Author: Quazi Masudur Rahman <71102354+qmranik@users.noreply.github.com>
Date: Thu Oct 5 01:21:31 2023 +0600

    Initial commit

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (main)
$
```

For getting the linear commit history the steps I followed was:

1. Merge main with any branch
2. And delete the branch
3. For the rest I have to checkout to that branch
4. Rebase with main
5. Checkout to main
6. Merge with main
7. Delete the branch
8. And continue till there is main branch

This is how we can get linear commit history

```
Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (main)
$ git branch
* main

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (main)
$ git log
commit 3f8fab525734f12b2b6a2173b5e15f57a1c29cc9 (HEAD -> main)
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:40:49 2023 +0600

    Add images dir in images branch

commit 71cf6ce0f766e8ae017e634e3c9874b94cdf54e0
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:38:38 2023 +0600

    Add license.txt in text branch

commit 2b801cfd8e4874044c267ceb3362ba97fecc9693
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:39:48 2023 +0600

    Add assets dir in assets branch

commit 7bc08cff93dbdecbb127fa2813c3b4e053a70e018
Author: qmranik <qmranik@gmail.com>
Date: Thu Oct 5 01:37:08 2023 +0600

    Add index.html in html branch

commit 68865006c71e65bd45310261fc655d0aa040ff20
Author: Quazi Masudur Rahman <71102354+qmranik@users.noreply.github.com>
Date: Thu Oct 5 01:21:31 2023 +0600

    Initial commit

Admin@DESKTOP-C200QHP MINGW64 ~/Desktop/DevOps/Assignment2 (main)
$ |
```