Directory creation and file creation

```
jaswika@Sona:/mnt/c/Users/jaswi$ mkdir project
jaswika@Sona:/mnt/c/Users/jaswi$ cd project
jaswika@Sona:/mnt/c/Users/jaswi/project$ vi file1.txt
jaswika@Sona:/mnt/c/Users/jaswi/project$ vi file2.txt
jaswika@Sona:/mnt/c/Users/jaswi/project$ vi file3.txt
```

Git repository initialization and adding fikes and making the initial commit

```
jaswika@Sona:/mnt/c/Users/jaswi/project$ git init
hint: Using 'master' as the name for the initial branch. This de
fault branch name
hint: is subject to change. To configure the initial branch name
 to use in all
hint: of your new repositories, which will suppress this warning
, call:
hint:
hint:    git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'tru
nk' and
hint: 'development'. The just-created branch can be renamed via
this command:
hint:
hint:    git branch -m <name>
Initialized empty Git repository in /mnt/c/Users/jaswi/project/.
git/
jaswika@Sona:/mnt/c/Users/jaswi/project$ git add  .
```

```
jaswika@Sona:/mnt/c/Users/jaswi/project$ git commit -m "initial
commit with file1, file2, and file3"
[master (root-commit) ddc2087] initial commit with file1, file2,
 and file3
 3 files changed, 3 insertions(+)
 create mode 100644 file1.txt
 create mode 100644 file2.txt
 create mode 100644 file3.txt
```

1)Create a branch named src,then list all branches:

```
jaswika@Sona:/mnt/c/Users/jaswi/project$ git branch src
jaswika@Sona:/mnt/c/Users/jaswi/project$ git branch
* master
  src
```

Renaming main branch to master

2)create a branch named new and merge the created branch into main branch

```
jaswika@Sona:/mnt/c/Users/jaswi/project$ git branch src
jaswika@Sona:/mnt/c/Users/jaswi/project$ git branch
* master
  src
jaswika@Sona:/mnt/c/Users/jaswi/project$ git checkout master
Already on 'master'
```

```
jaswika@Sona:/mnt/c/Users/jaswi/project$ git branch new
jaswika@Sona:/mnt/c/Users/jaswi/project$ git branch
* master
  new
  src
jaswika@Sona:/mnt/c/Users/jaswi/project$ git merge new
Already up to date.
jaswika@Sona:/mnt/c/Users/jaswi/project$ git log main..new
fatal: ambiguous argument 'main..new': unknown revision or path
not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'
jaswika@Sona:/mnt/c/Users/jaswi/project$ git log master..new
```

Pushing changes to github:

```
jaswika@Sona:/mnt/c/Users/jaswi/project$ git push -u origin main
Username for 'https://github.com': jaswikamaryada
Password for 'https://jaswikamaryada@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 450 bytes | 7.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
remote: This repository moved. Please use the new location:
remote:   https://github.com/jaswikamaryada/sslassignment.git
To https://github.com/JaswikaMaryada/sslassignment.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'
.
```

Github.com