Branching In Git

List branches (the asterisk indicate the current branch)

```
git branch
```

List all branches (local and remote)

```
git branch -a
```

Create a new branch

```
git branch [branch name]
git branch feature/EC-2511
```

Delete a local branch

```
git branch -d [branch name]
git branch -D [branch name]
git branch -D feature/EC-2511
```

Delete a remote branch

```
git push origin --delete [branch name]
```

Create a new branch and switch to it

```
git checkout -b [branch name]
```

Rename a local branch

```
git branch -m [old branch name] [new branch name]
git branch dev
git branch -m dev prod
```

Switch to a branch

```
git checkout [branch name]
```

Switch to the branch last checked out

```
git checkout -
```

Merge a branch into a target branch

```
git merge [source branch] [target branch]
```

Push a branch

```
git push -u origin feature/EC-3060
```

Renaming Git Branch

- Follow the steps below to rename a Local and Remote Git Branch:
    - list all the branches `git branch -a`
    - Start by switching to the local branch which you want to rename: `git checkout <old_name>`
    - Rename the local branch by typing: `git branch -m <new_name>`
    - Push the <new_name> local branch and reset the upstream branch: `git push origin -u <new_name>`
    - Delete the <old_name> remote branch: `git push origin --delete <old_name>`