**Assignment (Day 3)**

**Introduction Version Control System (Git)**

**TASK 02:**

* Learn the concepts of Branching and Merging.

A branch is used to isolate development work without affecting other branches in the repository. A branch is essentially is a unique set of code changes with a unique name. Each repository can have one or more branches but has a default branch.

You can use branches to:

* Develop features
* Fix bugs
* Safely experiment with new ideas

When you click the default, Merge pull request option on a pull request on GitHub, all commits from the feature branch are added to the base branch in a merge commit.

To merge pull requests, you must have write permissions in the repository.

The default merge method creates a merge commit. You can prevent anyone from pushing merge commits to a protected branch by enforcing a linear commit history.