WEEK 8

Mandatory Hands-On

**GIT and Version Control**

**Branching and Merging**

**1.Explain Branching and Merging**

* Branching in Git allows you to create an independent line of development from the main codebase (master/main).
* Merging combines changes from one branch into another (usually back into master/main).

**2.Explain Creating a Branch Request in GitLab**

* In GitLab, a branch request simply means creating a new branch in the repository (via CLI or GitLab UI).

**3.Explain Creating a Merge Request in GitLab**

* A merge request (MR) in GitLab is a request to merge changes from one branch into another, often after review.

**Sample Output:**









