**1- Git version control?**

- the git is version control system that helps developers manage and track changes in their code to ensuring the integrity of those changes at each stage of processing

-git used in software development projects to manage changes to source code

working space staging area repositors re

**2-Cloud Repositories Using Git**

**A-GitHub**

-offers private repositories and solid security features, it is world most popular platform for hosting git

**B-GitLab**

- a fully free and open-source service designed for git, wide range of features for project management

**C- Bitbucket**

- supports both git and mercurial code management and is another platform that hosts git

**3-Git commands**

**A-git init**

- command creates a new git repository

**B-git clone**

-cloning a local or remote repository

**C-git add file name**

- command adds a change in the working directory to the stageing area

**D-git add .**

-command adds all a change in the working directory to the stageing area

**F- git commit -m "message"**

-command captures a snapshot of the project currently staged changes

**H- git status**

-command displays the state of the working directory and the staging area

**K-git log --oneline**

-command to record changes to your code

L-git remote add alias url

-command lets you create view and delete connctions are more

**O- git push**

-command is used to upload local repository content to a remote repository

**G- git pull**

-command is used to fetch and download content from a remote repository and immediately update the local repository to match that content