**Assignment 6**

1. **How to check if git is in your system?**

By using the function git - - version

1. **How to initialise a new git repository?**

First use the cd command to open the repository. Then use Command git init.

1. **How to tell git about your name and email?**

To tell git about our name we use the command

git config --global user.name "Your Name"

To tell git about our email we use command

git config --global user.email "[your-email@example.com](mailto:your-email@example.com)"

1. **How to add files to a staging area?**

We use the command git add to add a file to the staging area. If we have to send all files to the staging area then we use . after the git add command.

1. **How to remove a file from a staging area?**

We use command git rm.

1. **How to make a commit?**

git commit -m “Any Comment”

1. **How to send your changes to a remote repository?**

First we make the main branch $ git branch -M main

Then we go to the remote repository $ git remote add origin “Git repository link”

Then push the files $ git push -u origin main

1. **What is the difference between pull and clone?**

* git pull is used to update your local branch with the latest changes from the remote repository.
* Git clone clones the entire repository, including all its branches, commit history, and files