1. How to check if git is available on your system?

~> To check whether git is available on your system follow these steps:

1.Type command “git –version”

(if any version appears it shows that git is available)

2.Type command “git –help”

(if a help menu shows then it show that git is available on the system)

1. How to initialize a new git repository?

~> To initialize a new git repository the below steps are required:

1.Selecta a folder in the terminal

2.After the selection of the folder a command “git init” should be entered

3.After the execution of the above command a local repository in git is initialized

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

~> To tell git about your name and email following steps are required:

1.Type a command “git config –global user.name “user\_name”, to add name

2.Type a command “git config –global user.email “email\_address”, to add email.

1. How to add a file to the staging area?

~> To add a file to the staging area type a command “git add <filename>”, if there is a single file, or if there are multiple files then type a command “git add .”, to add multiple files to staging area.

1. How to remove a file from staging area?

~> To remove a file from staging area type a command “git restore –staged <filename>”, if there is a single file, or if there are multiple files then type a command “git restore –staged .” to remove multiple files from staging area.

1. How to make a commit?

~> To commit type a command: git commit -m “commit message”

1. How to send your changes to remote repository?

~> To send the committed files to remote repository for the first time type a command: “git remote add origin <url of the github repository>”, after this step type a command: “git push -u origin main”, through this way files in a local repository is sent to the remote repository.

1. What is the difference between clone and pull?

~>

| CLONE | PULL |
| --- | --- |
| * This command is used to replicate the   Entire project to the local system | * This command is used to add all the recent changes made by the developer in the project |