Q.1. How to check if Git is Available in your system?

Ans→ You can check wheather Git is installed and what verson you are using by opening up a terminal window in Unix or Mac or a command proempt window in windows and typing the command git - verson.

Q.2. How to initialize a new Git repository?

Ans→ initialize a new repository : git init.
To create a new repo you will we the during the initialize sehup of a new repo. Executing this command will create a new git directory in your current working directory.

Q.3. How to tell git about your Name & email?

Ans→ 1. open the command line.
2. Set your username : git config. -global user.name " FIRST_ NAME LAST_NAME.
3. set your Email address : git config global user. Email " MY_NAME @ Example. com"

Q.4. How to add a file to the staging area?

Ans → Add files to the staging area by using the "git add" command and passing necessary options. Commit files to the local Repository using the "git commit -m <message>" command.

Q.5. How to Remove a file from the staging area?

Ans → If unwanted files were added to the staging area but not yet committed, then a simple reset will do the job : $ git reset HEAD file # or everything $ git reset HEAD. To only Remove unstaged changes in the current working directory. use

Q.6. How to make a commit?

Ans → To add a git commit message to your commit, you will use the git commit command followed by the m flag and then your message in quotes.

Q.7. How to send your changes to a remote Repository?

Ans⇒ To push the commit from the local repo to your remote repositories run git push -u -remote-name branch-name where Remote is the nickname the local repo uses for the remote Repositories and Branch-name is the name of the Branch to Push to the Repository.

Q.8. what is the difference between clone and pull?

Ans⇒ git clone is how you get a local copy of an existing Repository to work on. git pull (or git fetch + get merge) is how you update that local copy with new commits from the remote Repository.