Git and Github

Assignment Solutions

1. How to check if git is available on your system?
Ans: git --version

2. How to initialize a new Git repository?
Ans: git init project
        cd project

3. How to tell git about your name and email?
Ans: git config --global user.name "<your name>"
        git config --global user.email "<your email>"

4. How to add a file to the staging area?
Ans: git add <file>

5. How to remove a file from the staging area?
Ans: git reset HEAD -- <file>

6. How to make a commit?
Ans: git commit -m "Commit message".

7. How to send your changes to a remote repository?
Ans: git push

8. What is the difference between clone and pull?
- The **clone** command in git is used when you want to download an existing git repository to your local computer.
- **git pull** When you want to make changes or updates done by another developer/team member on a git repository, you have to use git pull.