

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

Ans:- open Git Bash and put a command “ git --version”.

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

Ans :- a) Create a folder for your project on your local hard drive and change into it.

b) Run the command git init to create a new, empty git repository in a .git folder.

**Q.3) How to tell git about your name and email ?**

Ans:-To tell git about your name and email are as follows:-

git config --global user.name “ your user name”.

git config --global user.email “your email id”.

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

Ans :- we use the syntax “git add <file name>” OR “git add .” to add a file to to the staging area.

**Q.5) How to remove a file from the staging area ?**

Ans:- we use “git rm --cached <file name>” to unstaging a file.

**Q.6) How to make a commit ?**

Ans:- using the command “ git commit -m <some message>”.

**Q.7) How to send your changes to a remote repository ?**

Ans :- The steps are as follows :-

- a) after changing the file bring the file at staging area.
- b) Commit the file with suitable message.
- c) Push the file to remote repository.

**Q.8) What is the difference between clone and pull?**

Ans:- **pull** – it is used to fetch the latest changes in the remote repository to the working directory.

**Clone** – it is used to clone the repository to the working directory for the developer.