# GIT & GITHUB PART – 2

**Q1. How to check if git is available in your system?**

Ans. By just simply open the prompt window in our system (in window OS) and give the command

git --version .

**Q2. How to initialize a new git repository?**

Ans. By giving the command git init.

**Q3. How to tell git about your user name & email?**

Ans. To tell about user name & email we give command -:

* **git config –global user.email “you@email.com”.**
* **git config –global user.name “username” .**

Q4. How to add the file in staging area?

Ans. If you want to add all files together then give command **git add .** and all the files available in our selected working area will add, but if you want to add selected file then give the command **git add <filename> .**

**Q5. How to remove the files from staging area?**

Ans. By using command **git rm --cached <filename>** .

**Q6. How to make a commit?**

Ans. After receiving the file into staging area give the command **git commit -m** “any message for local repo” .

Q7. How to send your changes to a remote repository?

Ans. If we want to do any changes in a file which is already on a main repository so firstly we have to clone it in our system and then do changes whatever we want and then commit the files again into local repo and also add comment of modification and then push into main repository.

Q8. What is difference between clone and pull ?

Ans. Clone and pull both command are used for downloading the copy of files from main repository to local repository in our system, but the basic difference between them are :-

* Suppose A developer creates any file and upload to the server. Then B & C developer clone the copy of files into their system, and B developer add something in a file and again push into the server with the headline of changes he did but these changes will not show to C developer into the files in their system because they clone the files.
* But if they pull the files from the server , then recent modification will also show everyone in their system which related to the same project.