**Git and Github Part- 2**

**Assignments Questions**

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

It can be checked by typing  **git ---version**

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

New repository can be initialize by giving command **git init**

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

It can be done by typing command :

For name :- **git config --global user.name “your name”**

For email :- **git config --global user.email “your email”**

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

For single file command is  **git add <filename>**

For every file from working area **git add .**

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

The command is **git rm --cached <file-name>**

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

The command for commit is : **git commit -m “messages”**

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

To perform push operation we need to use the following command

1. git branch - main
2. git remote add origin https://github.com/akash970980/Hyder\_Sir.git
3. git push -u origin main

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

**Git clone :-** It is used to clone or copy the repository to the working directory of developer. **git clone**  [**https://github.com/akash970980/Hyder\_Sir.git**](https://github.com/akash970980/Hyder_Sir.git)

**Git pull :-** It is used to fetch the latest changes made by any developer in the remote repository too the working directory.

**git pull** [**https://github.com/akash970980/Hyder\_Sir.git**](https://github.com/akash970980/Hyder_Sir.git)