**Coding challenge: Week2 day2**

Attainu id: 1

Q-1 ) Write a brief description of all the below commands. (15

Marks)

1. Git pull

2. Git push

3. Git log

4. Git status

5. Git commit

6. Git init

7. Git clone

8. Git Checkout

9. mkdir

10. ls -a

1. Git pull :

This command is used to fetch or get all the files from the github repository to the local directory If the repository cloned already.

If two or more developers are working in the same file changes done will be

added in the same directory so it will get the latest version of the file or directory.

1. Git push:

It is used to transfer or push the files or directories from local to the github repository.

**Git push origin branch name -** destination branch needed to push into a specify branch.

1. Git log :

This command maintains the history of all the commits that have made in the current branch, It is used to see all the previous commits.

1. Git status:

It shows all the tracked and untracked files in the directory. Tracked files will be in green color and untracked will be indicated in red color.

1. Git commit:

**Git commit - m “message”** - It is used to created checkpoints, If any issue occurs using the commit id we can reverse back to that point, message followed by commit is used to see what changes has been made.

1. Git init:

It creates a empty git repository in the folder to track the files . After this

command .git folder can be seen in the directory. If it is already initialized

then again adding the command will reinitialize the git repository.

1. Git clone:

**Git clone url**

This command is used to get or clone the specified github repository to the local directory, all the files and folders from the repo will be added in the local.

1. Git Checkout:

**Git checkout commit Id**

**Git checkout branchname**

It is used to jump from from commit to another or even from one branch to another branch. From this it will move to that particular checkpoint where adding or removing or any changes can be done.

1. mkdir :

Make a directory - It is used to create one or more directories in the current directory, for multiple creation - **mkdir foldername1 foldername2.**

1. ls -a:

It lists all the files and directories in the current directory including the hidden files.Whereas ls will only lists the directories and files excluding the hidden.