

Ex 6 REPOSITORY IN GITHUB

Date: 25.08.20

Aim:

To study and implement the git and git repository.

Description:

The Linux Kernel :

GitHub is a Git repository hosting service, but it adds many of its own features. While Git is a command line tool, **GitHub** provides a Web-based graphical interface. It also provides access control and several collaboration features, such as a wikis and basic task management tools for every project.

GitHub is a website for developers and programmers to collaboratively work on code. The primary benefit of **GitHub** is its version control system, which allows for seamless collaboration without compromising the integrity of the original project.

COMMANDS:

Sl. No.	COMMAND	DESCRIPTION
1.	git init	Initialize git repository
2.	git add filename	To add individual files
3.	git add *	To add all files
4.	git status	To see the added files status
5.	git commit -m "text"	Added text note with added file
6.	git remote add origin path	To link the files to the github repository
7.	git push -u origin master	To push files into the repository

Exercise

Create repository and uploading files in github

Step 1 :

Installing git

```
kali@kali:~$ sudo apt-get install git
[sudo] password for kali:
Reading package lists... Done
Building dependency tree
Reading state information... Done
git is already the newest version (1:2.27.0-1).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
kali@kali:~$
```

Step 2 :

Check version

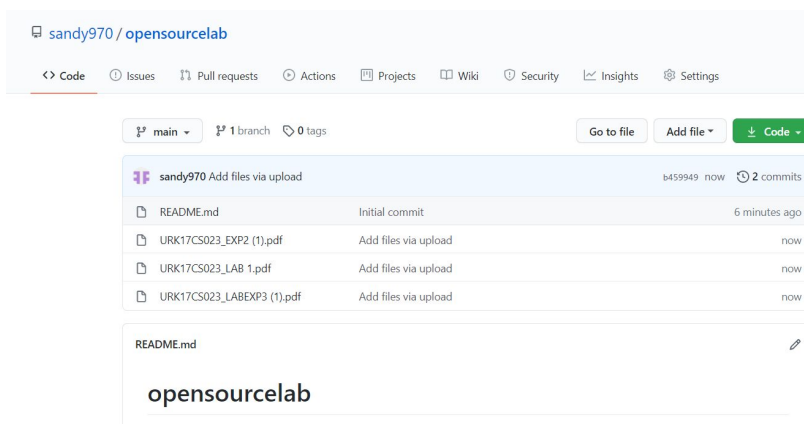
```
kali@kali:~$ git --version
git version 2.27.0
kali@kali:~$
```

Step 3 :

Initializing git

```
kali@kali:~/Desktop/git$ git init
Reinitialized existing Git repository in /home/kali/Desktop/git/.git/
kali@kali:~/Desktop/git$
```

Step 4: checking Repository



Github link :

<https://github.com/sandy970/opensourceLab>

Results:

The study and implementation of the git and git repository is studied and executed.

Video link : <https://youtu.be/Fc9eMqzVzZs>