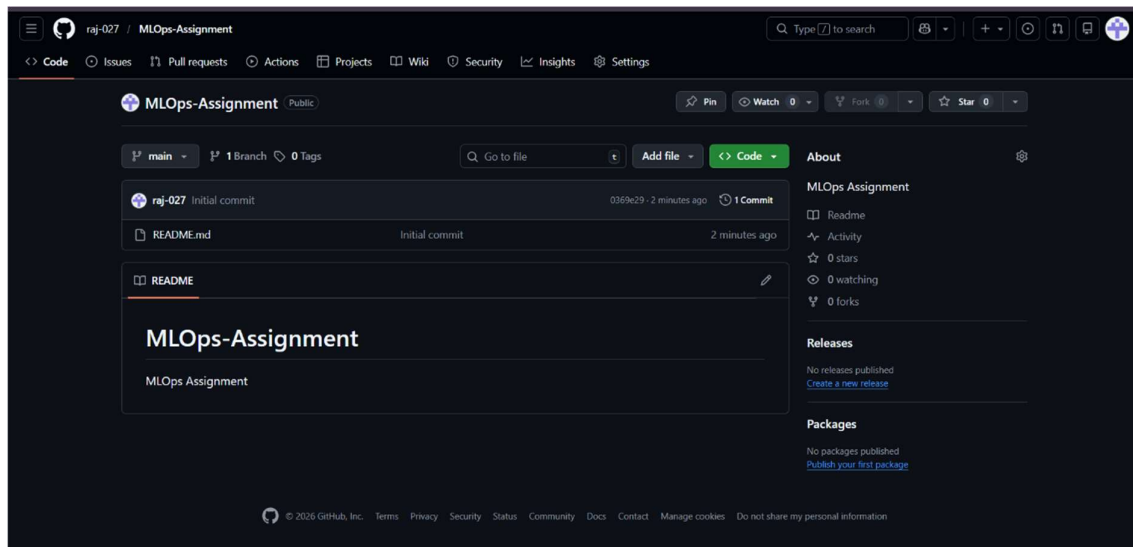1. Creating repository in github:

2. Cloning github repo into local system

```
Microsoft Windows [Version 10.0.26100.6584]
(c) Microsoft Corporation. All rights reserved.

E:\MSC 4\MLOps\New folder>git clone https://github.com/raj-027/MLOps-Assignment.git
Cloning into 'MLOps-Assignment'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (6/6), done.

E:\MSC 4\MLOps\New folder>
```

3. Git init

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git init
Reinitialized existing Git repository in E:/MSC 4/MLOps/New folder/MLOps-Assignment/.git/

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

4. Git Status before any changes

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

5. Git Status after changes

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        requirements.txt

nothing added to commit but untracked files present (use "git add" to track)

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

6. Git add

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
        add

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

7. Git add and status

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        requirements.txt

nothing added to commit but untracked files present (use "git add" to track)

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

8. Git configure and commit

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git config --global user.name "raj-027"

E:\MSC 4\MLOps\New folder\MLOps-Assignment>git config --global user.email "ritickraj27@gmail.com"

E:\MSC 4\MLOps\New folder\MLOps-Assignment>git config --global list
error: key does not contain a section: list

E:\MSC 4\MLOps\New folder\MLOps-Assignment>git config --global --list
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
user.name=raj-027
user.email=ritickraj27@gmail.com

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git commit -m "This is my first git hands-on"
[main 6c0ecce] This is my first git hands-on
 1 file changed, 3 insertions(+)
 create mode 100644 requirements.txt

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

9. Git push

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 364 bytes | 121.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/raj-027/MLOps-Assignment.git
   cdfb393..6c0ecce  main -> main
branch 'main' set up to track 'origin/main'.

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```

10. Git pull

```
E:\MSC 4\MLOps\New folder\MLOps-Assignment>git pull origin main
From https://github.com/raj-027/MLOps-Assignment
 * branch            main       -> FETCH_HEAD
Already up to date.

E:\MSC 4\MLOps\New folder\MLOps-Assignment>
```