TASK1

✅ 1. `git init`

Created a new Git repository in your folder:

```
git init
```

This command creates a hidden `.git/` folder so Git can track your project.

✅ 2. Creating a file and adding it

Created a file named `README.md`.

Then you added it to staging:

```
git add README.md
```

This prepares the file to be committed.

✅ 3. Committing your first change

Saved the file into Git history:

```
git commit -m "Added README.md File"
```

Git now has **1 commit**, and the commit hash begins with `9a2e15...`.

✅ 4. Checking status

Checked your repo status:

```
git status
```

Git said:

- You are on branch **master**
- Working tree is **clean** (nothing to commit)

✅ 5. Viewing commit log

Viewed the details:

```
git log
```

It shows:

- Commit hash (`9a2e15...`)
- Author name + email
- Commit message
- Date

✅ 6. Adding a remote GitHub repository

Connected your local repo to GitHub:

```
git remote add origin
https://github.com/Yakaanil12006/DEVOPS-FIRST-REPO.git
```

Then you checked:

```
git remote -v
```

Output shows:

- **origin (fetch)** → GitHub URL
- **origin (push)** → GitHub URL

✅ 7. Pushing to GitHub

Uploaded your local commit to GitHub:

```
git push -u origin master
```

What happened:

- Git asked you to authenticate (login via browser)
- Pushed **3 objects** (repo + commit)
- Created the branch `master` on GitHub

Linked your local branch to GitHub's branch:

```
branch 'master' set up to track 'origin/master'
```

-

Because you used `-u`:

➡️ From now on, you can simply use:

```
git push
git pull
```

(no need to type origin master every time)

🎉 Final Result

Successfully:

1. Initialized a Git repo
2. Created a file
3. Committed it
4. Linked your repo to GitHub
5. Pushed your first commit

Your GitHub repository now contains your uploaded README.md.

GitHub repository Link : https://github.com/Yakaanil2006/DEVOPS-FIRST-REPO