Assignment

1. Create a local git repository and move the entire code base to it

   - Create new repository on github

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Required fields are marked with an asterisk (*).

Owner *   **Repository name ***

🌐 kirti1612 ▾   /   LocalRepo

✅ LocalRepo is available.

Great repository names are short and memorable. Need inspiration? How about ideal-octo-winner ?

Description (optional)

Local_Repo

⦿ 🔖 **Public**
     Anyone on the internet can see this repository. You choose who can commit.

○ 🔒 **Private**
     You choose who can see and commit to this repository.

Initialize this repository with:

☐ **Add a README file**
     This is where you can write a long description for your project. Learn more about READMEs.

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. Learn more about ignoring files.

Choose a license

License: None ▾

A license tells others what they can and can't do with your code. Learn more about licenses.

- **Create a new repository:**

```
edureka@kmaster:~$ git init
Reinitialized existing Git repository in /home/edureka/.git/
edureka@kmaster:~$ git add .
error: open(".viminfo"): Permission denied
error: unable to index file .viminfo
fatal: adding files failed
edureka@kmaster:~$ git add index.html
edureka@kmaster:~$ git commit -m "initial commit"
On branch master
Untracked files:
        .ICEauthority
        .Xauthority
        .Xdefaults
        .bash_history
        .bash_logout
        .bashrc
        .bashrc.swo
        .bashrc.swp
        .cache/
        .config/
        .eclipse/
        .gitconfig
        .kube/
        .local/
        .mozilla/
        .profile
        .ssh/
        .swt/
        .terraform.d/
        .tooling/
        .viminfo
```
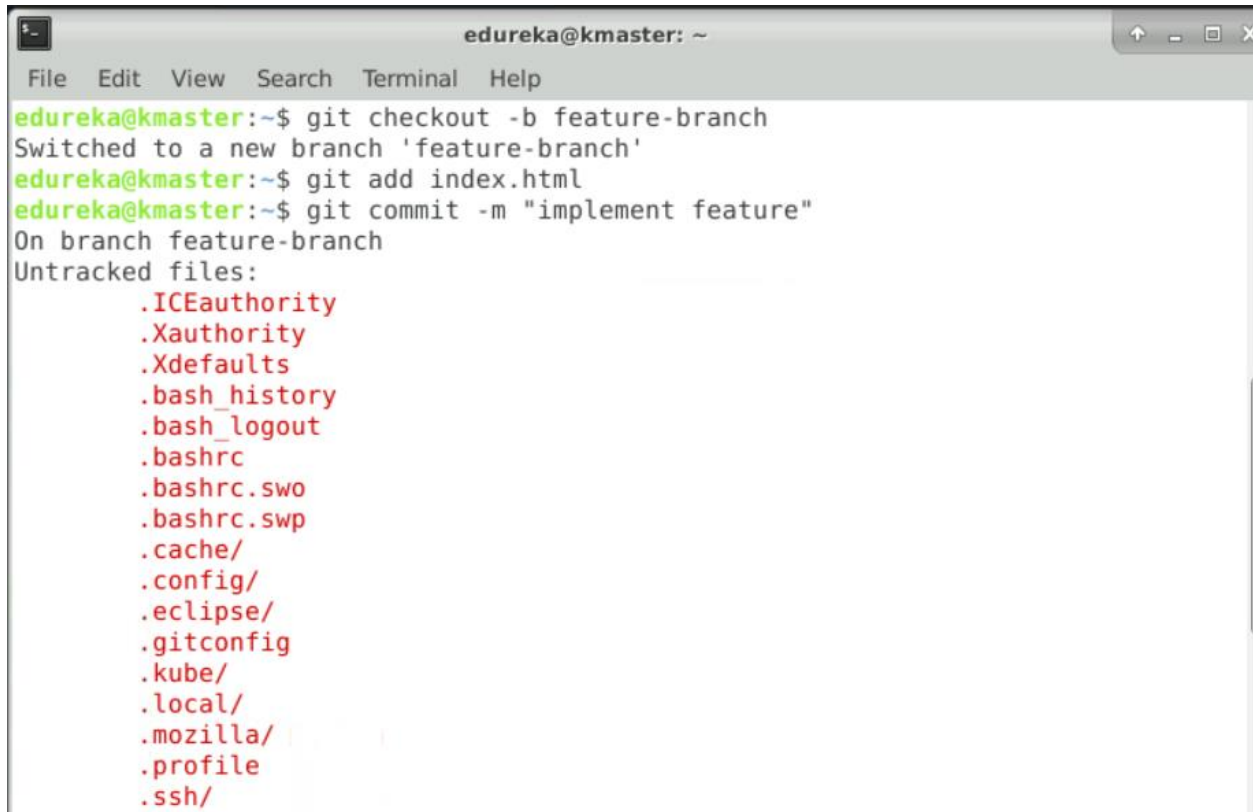
- **Link the remote repository:**

```
        code
        data/
        eclipse-workspace/
        selenium-java-3.141.59/

nothing added to commit but untracked files present
edureka@kmaster:~$ git remote add origin https://github.com/kirti1612/LocalRepo.git
fatal: remote origin already exists.
edureka@kmaster:~$ █
```
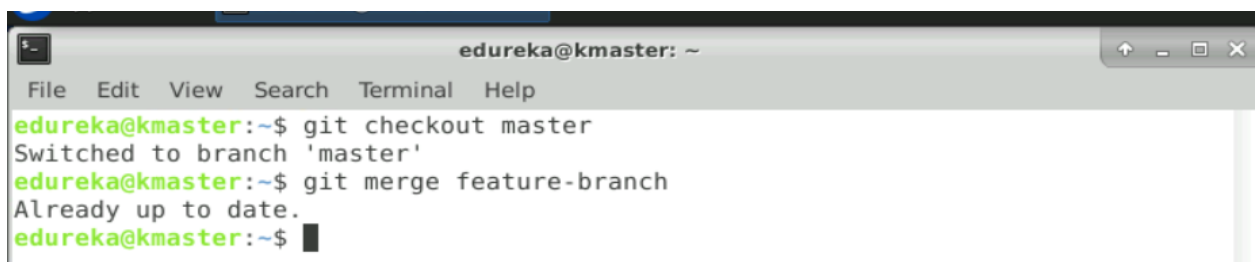
2. Create a new branch for a new feature you want to add to the application

- Merge back the created branch with the master branch

```
edureka@kmaster: ~
File   Edit   View   Search   Terminal   Help
edureka@kmaster:~$ git checkout -b feature-branch
Switched to a new branch 'feature-branch'
edureka@kmaster:~$ git add index.html
edureka@kmaster:~$ git commit -m "implement feature"
On branch feature-branch
Untracked files:
        .ICEauthority
        .Xauthority
        .Xdefaults
        .bash_history
        .bash_logout
        .bashrc
        .bashrc.swo
        .bashrc.swp
        .cache/
        .config/
        .eclipse/
        .gitconfig
        .kube/
        .local/
        .mozilla/
        .profile
        .ssh/
```
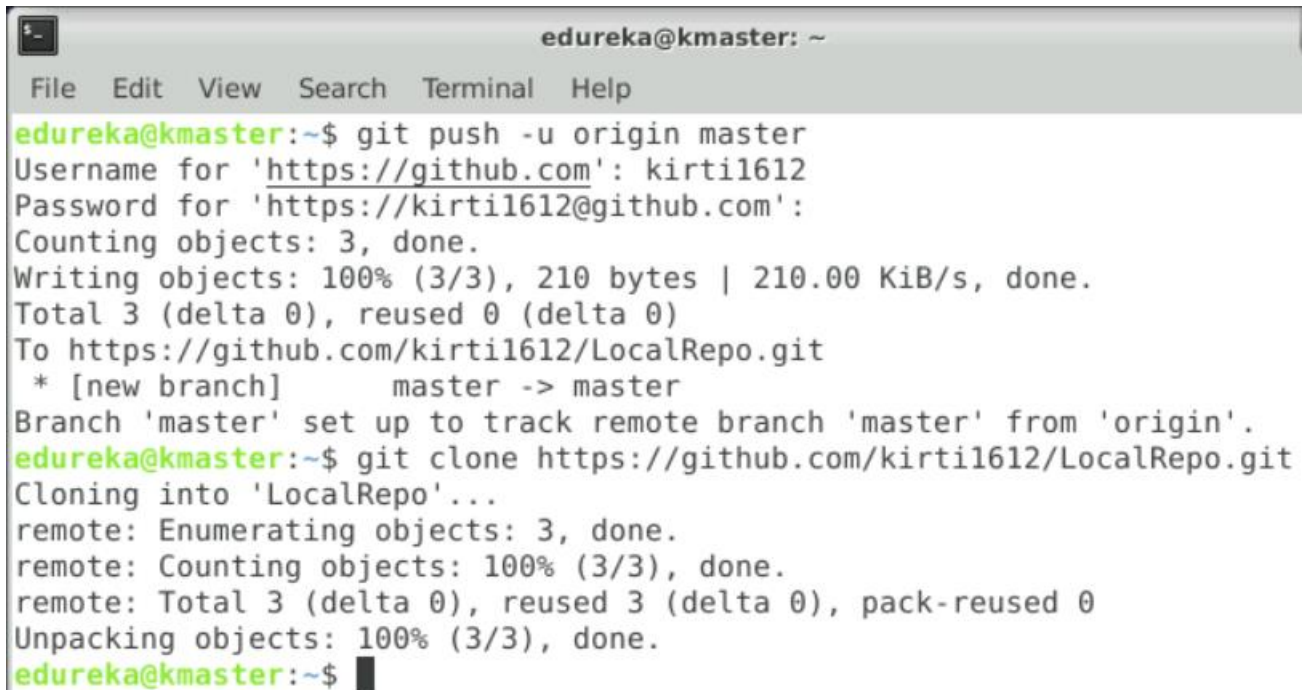
- Switch back to the master branch and merge

```
edureka@kmaster: ~
File   Edit   View   Search   Terminal   Help
edureka@kmaster:~$ git checkout master
Switched to branch 'master'
edureka@kmaster:~$ git merge feature-branch
Already up to date.
edureka@kmaster:~$
```

3. Push the local repository to company's remote repository

```
edureka@kmaster: ~
File  Edit  View  Search  Terminal  Help
edureka@kmaster:~$ git push -u origin master
Username for 'https://github.com': kirti1612
Password for 'https://kirti1612@github.com':
Counting objects: 3, done.
Writing objects: 100% (3/3), 210 bytes | 210.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/kirti1612/LocalRepo.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
edureka@kmaster:~$ git clone https://github.com/kirti1612/LocalRepo.git
Cloning into 'LocalRepo'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
edureka@kmaster:~$ 
```

Thank you!!