

Lesson 01 Demo 03

Push the Code to GitHub

Objective: To push the code to GitHub repository

Tools required: Terminal

Prerequisites: Git

Steps to be followed:

1. Make an empty local git repository
2. Create files in the directory
3. Add an HTML code in the files
4. Add the files
5. Commit the files
6. Add a remote URL for the repository
7. Push the files
8. Edit the index.html file
9. Commit and push the changes

Step 1: Make an empty local git repository

1.1 Make an empty local git repository using the given commands:

```
cd Documents
mkdir Foodie
ls
git status
git init
git status
```

```
srijanighataksi@ip-172-31-27-104: ~/Documents/Foodie
File Edit View Search Terminal Help
Node.js version v17.2.0 detected.
Odd numbered Node.js versions will not enter LTS status and should not be used f
or production. For more information, please see https://nodejs.org/en/about/rele
ases/.
srijanighataksi@ip-172-31-27-104:~$ cd Documents/
srijanighataksi@ip-172-31-27-104:~/Documents$ mkdir Foodie
srijanighataksi@ip-172-31-27-104:~/Documents$ cd Foodie
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ ls
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git status
fatal: not a git repository (or any of the parent directories): .git
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git init
Initialized empty Git repository in /home/srijanighataksi/Documents/Foodie/.git/
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$
```

Step 2: Create files in the directory

2.1 Create files in the **Foodie** directory using the given commands:

```
touch index.html
touch login.html
git status
```

```
srijanighataksi@ip-172-31-27-104: ~/Documents/Foodie
File Edit View Search Terminal Help
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git status
fatal: not a git repository (or any of the parent directories): .git
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git init
Initialized empty Git repository in /home/srijanighataksi/Documents/Foodie/.git/
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ touch index.html
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ touch login.html
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git status
On branch master

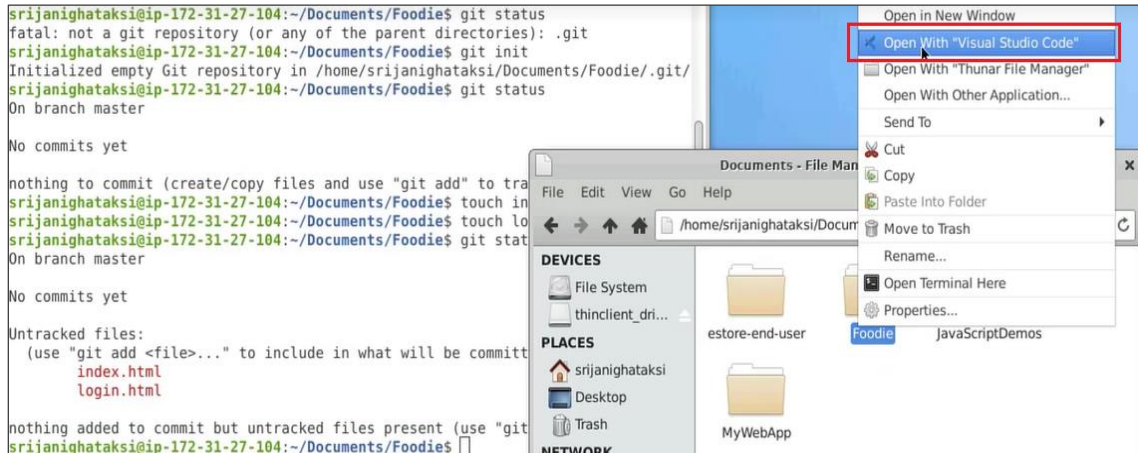
No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$
```

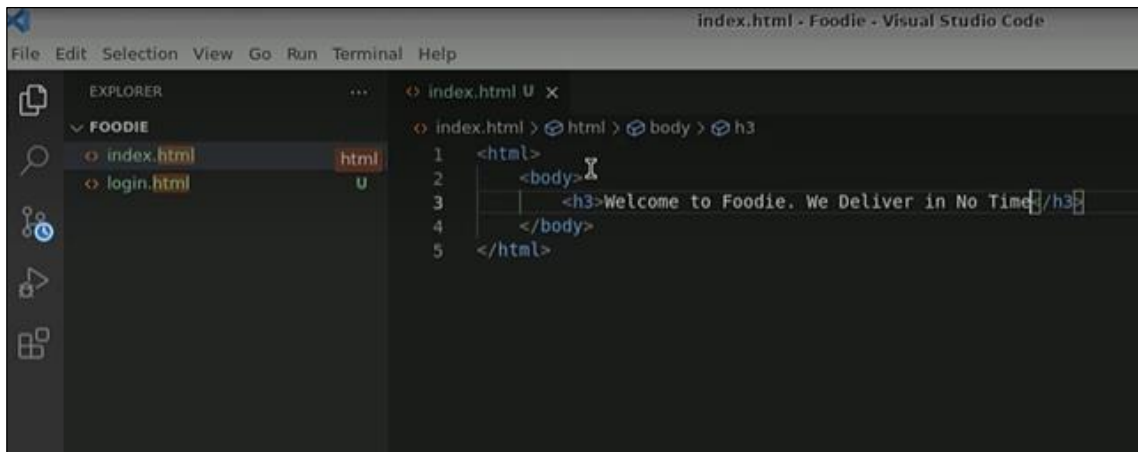
Step 3: Add an HTML code in the files

3.1 Open the file in the Visual Studio Code



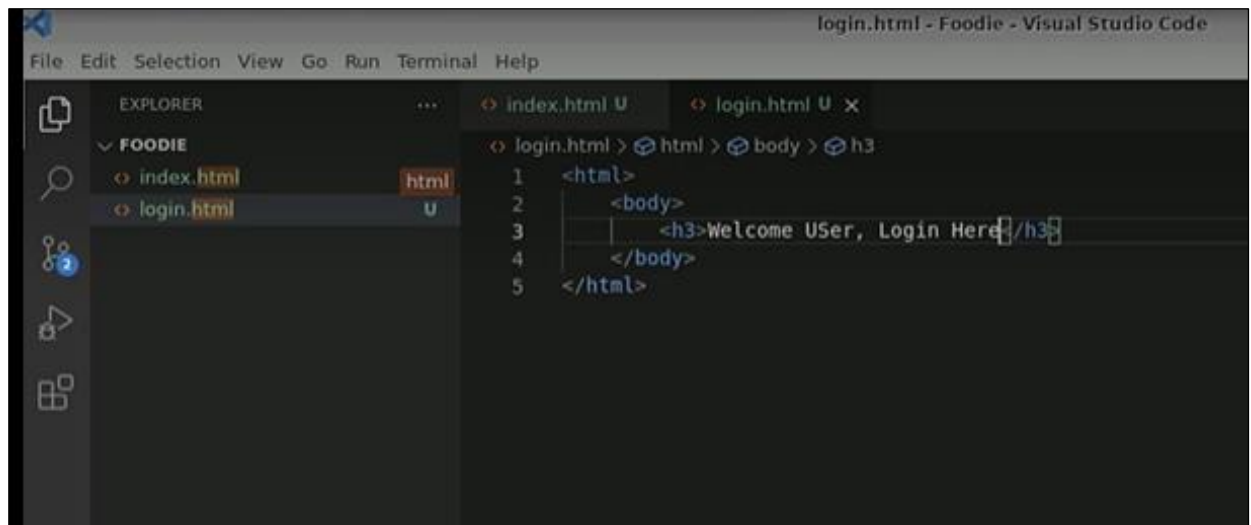
3.2 Add the following code in the index.html file:

```
<html>
<body><h3>Welcome to Foodie. We deliver in no time.</h3>
</body>
</html>
```



3.3 Add the following code in the login.html file:

```
<html>
<body><h3>Welcome User. Login here.</h3>
</body>
</html>
```



Step 4: Add the files

4.1 Add the files using the given commands:

```
git add .
git status
```



Step 5: Commit the files

5.1 Commit the files using the following commands:

git commit -m "Initial Commit"

```

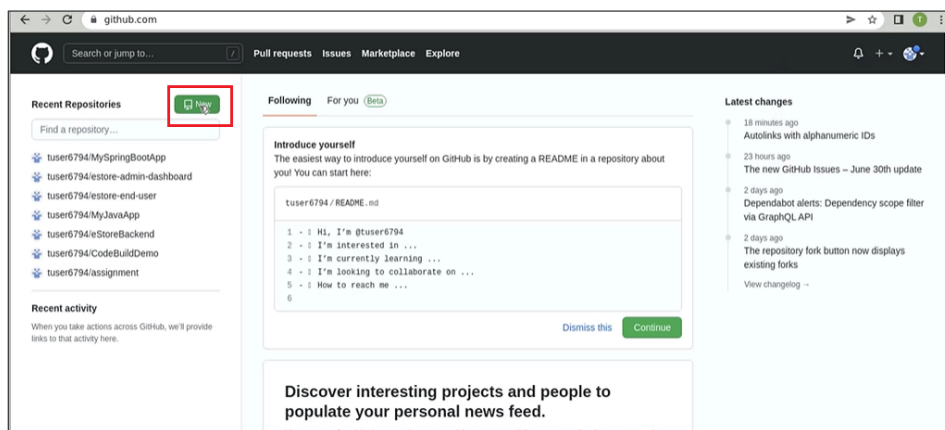
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   index.html
        new file:   login.html

srijanighataksi@ip-172-31-27-104:~/Documents/Foodies$ git commit -m "Initial Commit"
[master (root-commit) c284879] Initial Commit
  
```

Step 6: Add a remote URL for the repository

6.1 Open the GitHub account and create a new repository



6.2 Fill in the details per the screenshot and click on the **Create Repository** button

The screenshot shows the 'Create a new repository' form. The 'Owner' dropdown is set to 'tuser6794'. The 'Repository name' field is filled with 'foodie' and has a green checkmark. The 'Description (optional)' field is filled with 'Food Delivery App for 2022'. The 'Public' radio button is selected. The 'Create repository' button is at the bottom right.

6.3 Copy the URL



6.4 Add a remote url using the following command:

```
git remote add origin <your url>  
git remote -v
```

```
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git remote add origin https://github.com/tuser6794/foodie.git  
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git remote -v  
origin https://github.com/tuser6794/foodie.git (fetch)  
origin https://github.com/tuser6794/foodie.git (push)  
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$
```

Step 7: Push the files

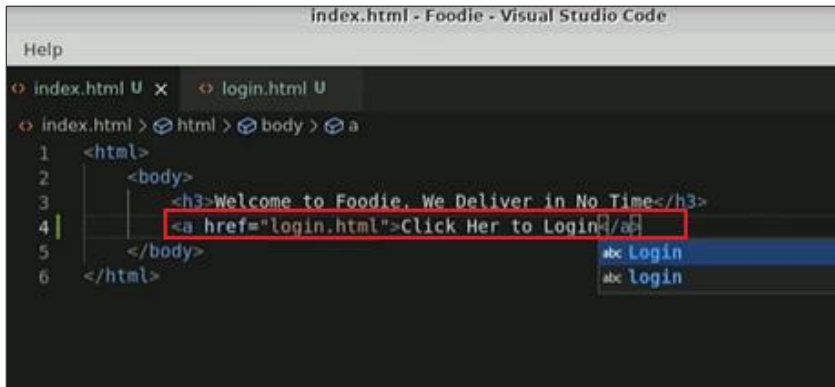
7.1 Push the files using the given commands:

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

```
origin https://github.com/tuser6794/foodie.git (push)  
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$ git push -u origin master  
Enumerating objects: 4, done.  
Counting objects: 100% (4/4), done.  
Delta compression using up to 4 threads  
Compressing objects: 100% (4/4), done.  
Writing objects: 100% (4/4), 386 bytes | 386.00 KiB/s, done.  
Total 4 (delta 0), reused 0 (delta 0)  
To https://github.com/tuser6794/foodie.git  
* [new branch]      master -> master  
Branch 'master' set up to track remote branch 'master' from 'origin'.  
srijanighataksi@ip-172-31-27-104:~/Documents/Foodie$
```


Step 8: Edit the index.html file

8.1 Edit the index.html file per the given screenshot:



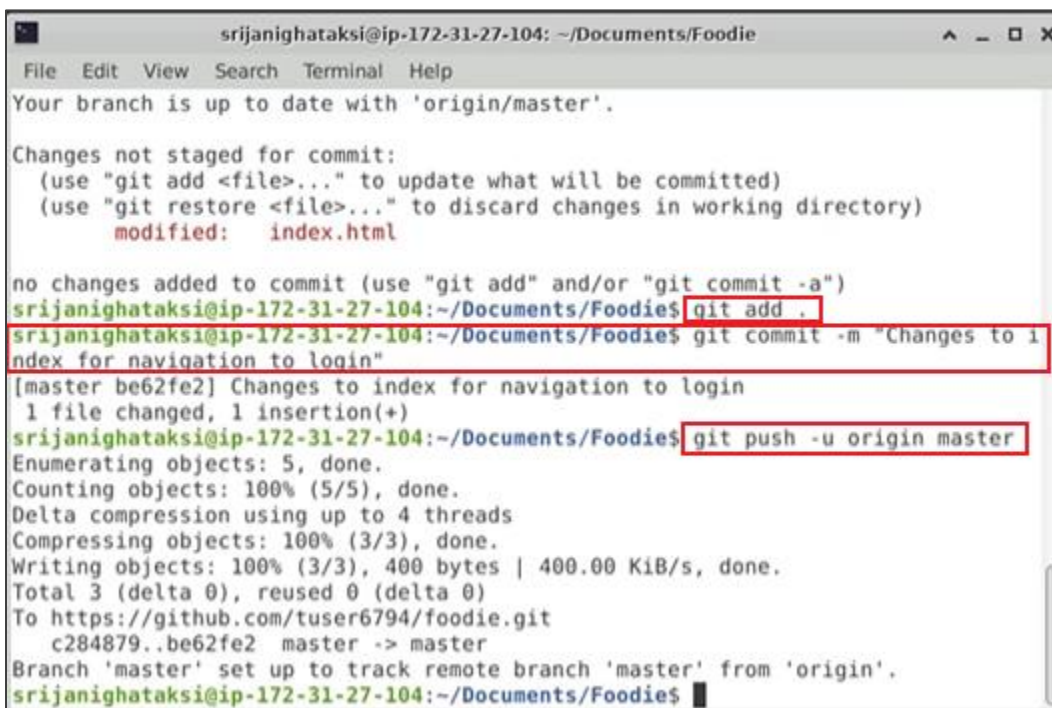
Step 9: Commit and push the changes

9.1 Commit and push the changes

git add .

git commit -m "Changes to index for navigation to login"

git push -u origin master



tuser6794 / foodie
Public
Pin

Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings

master
1 branch
0 tags
Go to file
Add file
Code

tuser6794 Changes to index for navigation to login
be62fe2 29 seconds ago 2 commits

index.html	Changes to index for navigation to login	29 seconds ago
login.html	Initial Commit	7 minutes ago

Help people interested in this repository understand your project by adding a README.
Add a README