



Source Code Management

Project File

Title:

The coffee shop

Name: khushi

Roll No : 2110992029

Group: G27

*Submitted to : Dr. Sachendar
Singh Chauhan*

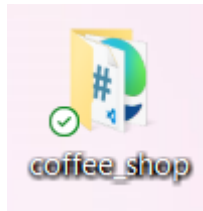
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Setting up git and GitHub

➤ Adding user identity:

- *First, create a folder(named SCM project) and open the git bash terminal in the folder.*



- *Next, run the commands `git config --global user.name` and `git config --global user.email` to add your identity.*

```
HP@LAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop (master)
$ git config --global user.name khushi

HP@LAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop (master)
$ git config --global user.email khushi2029.be21@chitkara.edu.in

HP@LAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop (master)
$ |
```

➤ Initializing git repository:

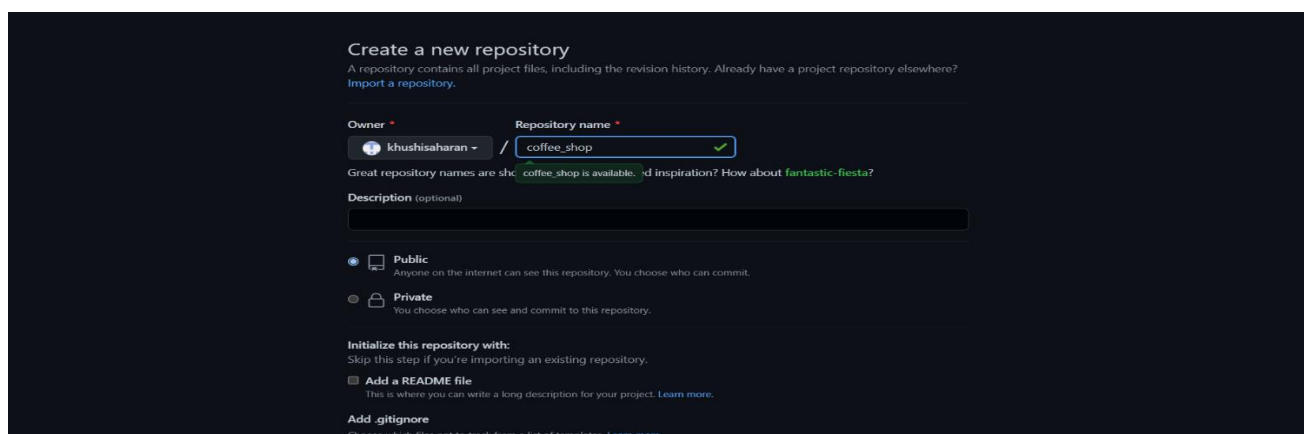
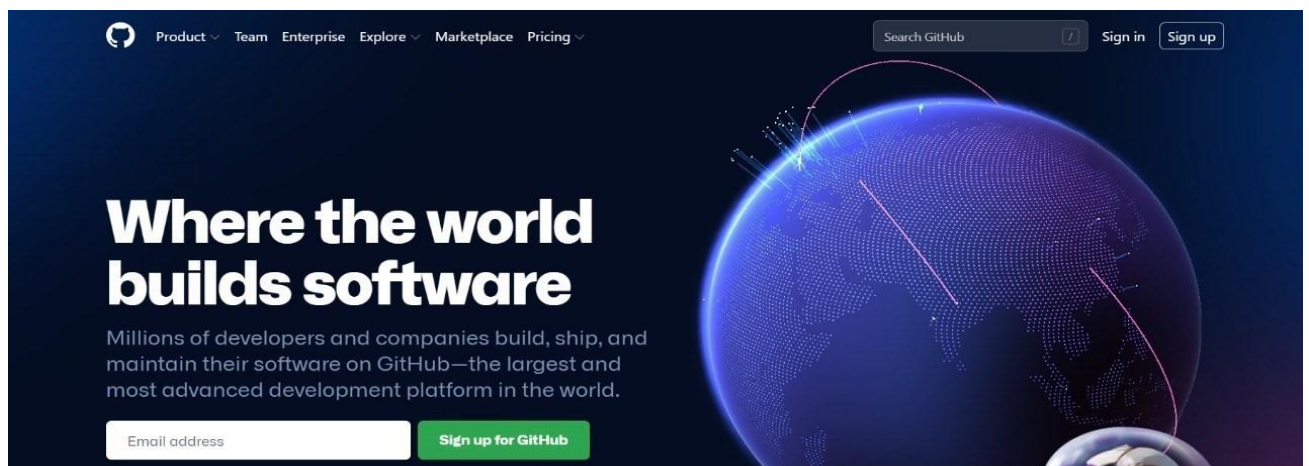
- *Now run the command `git init` to initialize an empty repository to work on your project.*

```
HP@LAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop (master)
$ git init
Reinitialized existing Git repository in C:/Users/HP/OneDrive/Desktop/.git/

HP@LAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop (master)
$ |
```

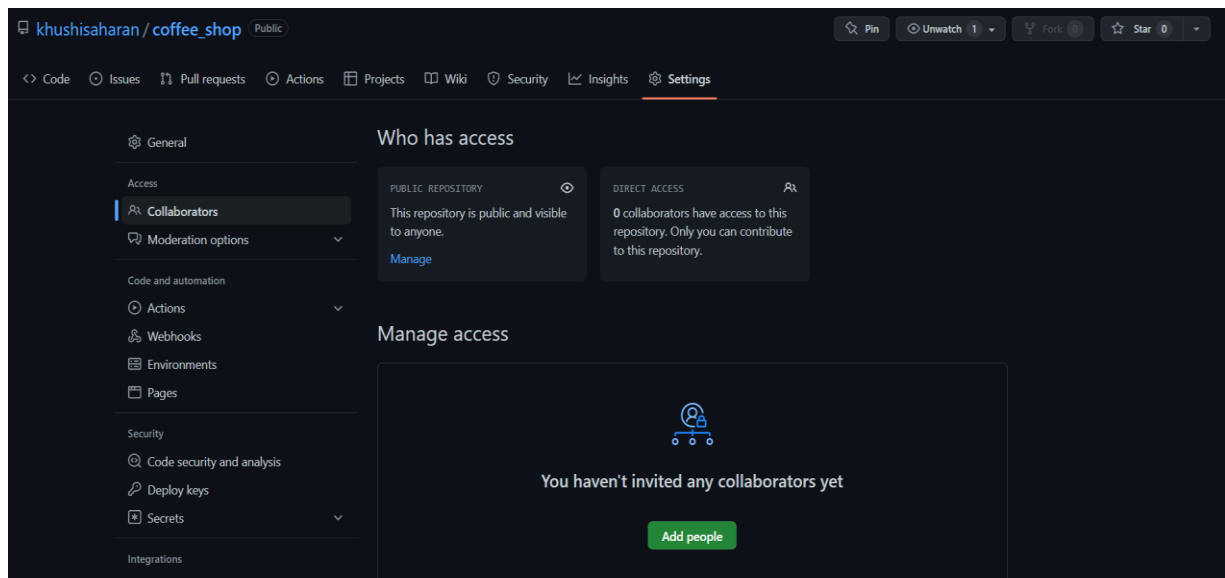
➤ Setting up GitHub repository:

- *Open the official GitHub website and sign in to your account.*
- *Click on the plus sign located in the top right corner.*
- *Select new repository. Enter a name for your repository and click on Create repository.*

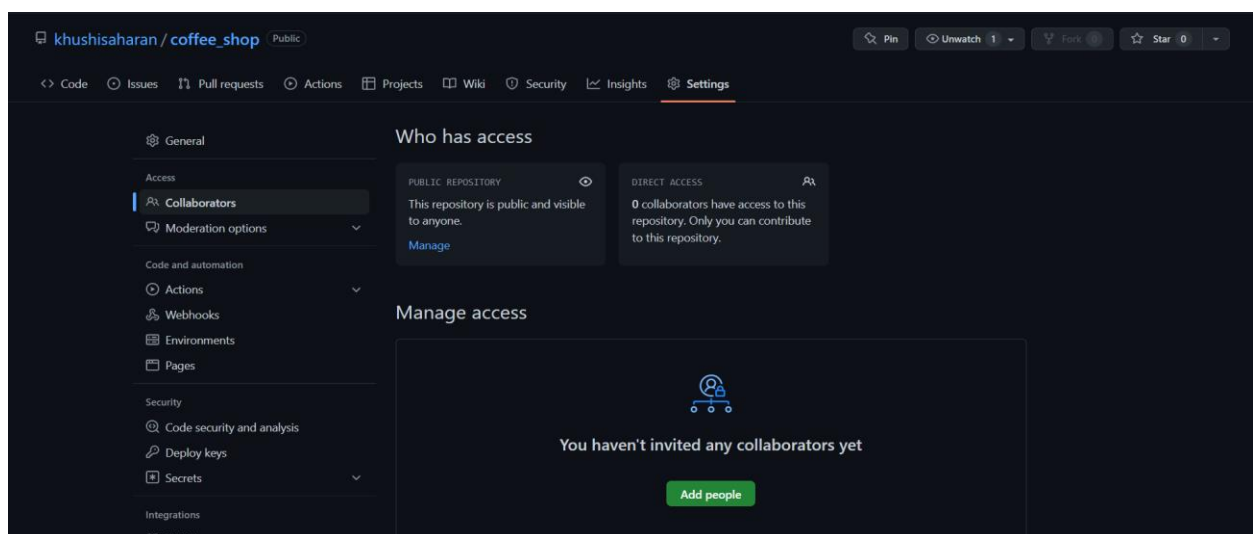
The image shows the "Create a new repository" form on GitHub. It includes a header "Create a new repository" and a subtext: "A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository." The form has two main input fields: "Owner" (with a dropdown menu showing "khushisaharan") and "Repository name" (with a text input showing "coffee_shop" and a green checkmark). Below these, there is a line of text: "Great repository names are short, lowercase, and hyphenated. 'coffee_shop' is available. Get inspiration? How about fantastic-fiesta?". There is also a "Description (optional)" text area. Underneath, there are two radio buttons for visibility: "Public" (selected) and "Private". Below the visibility options, there is a section "Initialize this repository with:" which includes a checkbox for "Add a README file" and a checkbox for "Add .gitignore".

Adding Members in Github or collaborating:

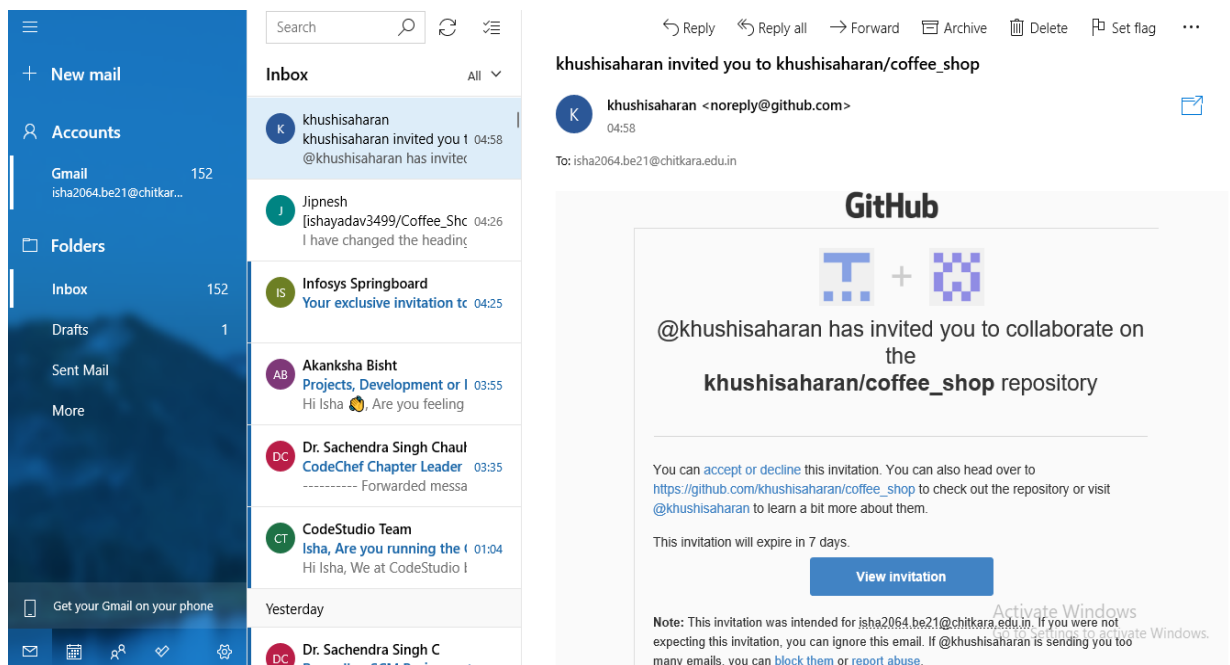
- *Click on Collaborators option under the access tab.*



- *After clicking on collaborators Github asks you to enter your password to confirm the access to the repository.*
- *After entering the password you can manage access and add/remove team members to your project.*
- *To add members click on the add people option and search the id of your respective team member.*



- *To remove any member click on remove option available in the last column of member's respective row.*
- *To accept the invitation from your team member, open your email registered with Github.*
- *You will receive an invitation mail from the repository owner. Open the email and click on accept invitation.*
- *You will be redirected to Github where you can either select to accept or decline the invitation.*



- *You will be shown the option that you are now allowed to push.*
- *Now all members are ready to contribute to the project.*

➤ Adding SSH key:

SSH keys are used to establish an encrypted communication channel between a client and a remote machine over the internet.

- *To add the SSH key to your account, first, open the git bash terminal.*
- *Run the following command to generate a new SSH key.*
- *\$ ssh-keygen -t ed25519 -C "your_email@example.com" (Replace the email address with your email address)*

```
HPBLAPTOP-R9TNNH33 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ ssh-keygen -t ed25519 -C "khushi2029.be210chitkara.edu.in"
Generating public/private ed25519 key pair.
Enter file in which to save the key (/c:/Users/HP/.ssh/id_ed25519):
Created directory /c:/Users/HP/.ssh/.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c:/Users/HP/.ssh/id_ed25519
Your public key has been saved in /c:/Users/HP/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:s+24A/NfkjCSQuzPU50P1ZR1HU3ca61ag3TrHZXB18k khushi2029.be210chitkara.edu.in
The key's randomart image is:
+--[ED25519 256]--+
|
| ..o o=ES|
| ..o ++*|
| ..o ++|
| ..o ++|
| S . o..|
| o .o+ +|
| +. ++ +|
| oo.=+|
| o+o|
+----[SHA256]-----+
HPBLAPTOP-R9TNNH33 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```

- *When you are prompted to enter the file name press enter. This will accept the default path.*
- *After this start the ssh-agent by entering the command.*

\$ eval "\$(ssh-agent -s)"

```
HPBLAPTOP-R9TNNH33 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ eval "$(ssh-agent -s)"
Agent pid 513
HPBLAPTOP-R9TNNH33 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ ssh-add ~/.ssh/id_ed25519
Enter passphrase for /c:/Users/HP/.ssh/id_ed25519:
```

- *Now add your private ssh key to the ssh-agent by entering the following command.*

\$ ssh-add ~/.ssh/id_ed25519

\$ clip < ~/.ssh/id_ed25519.pub

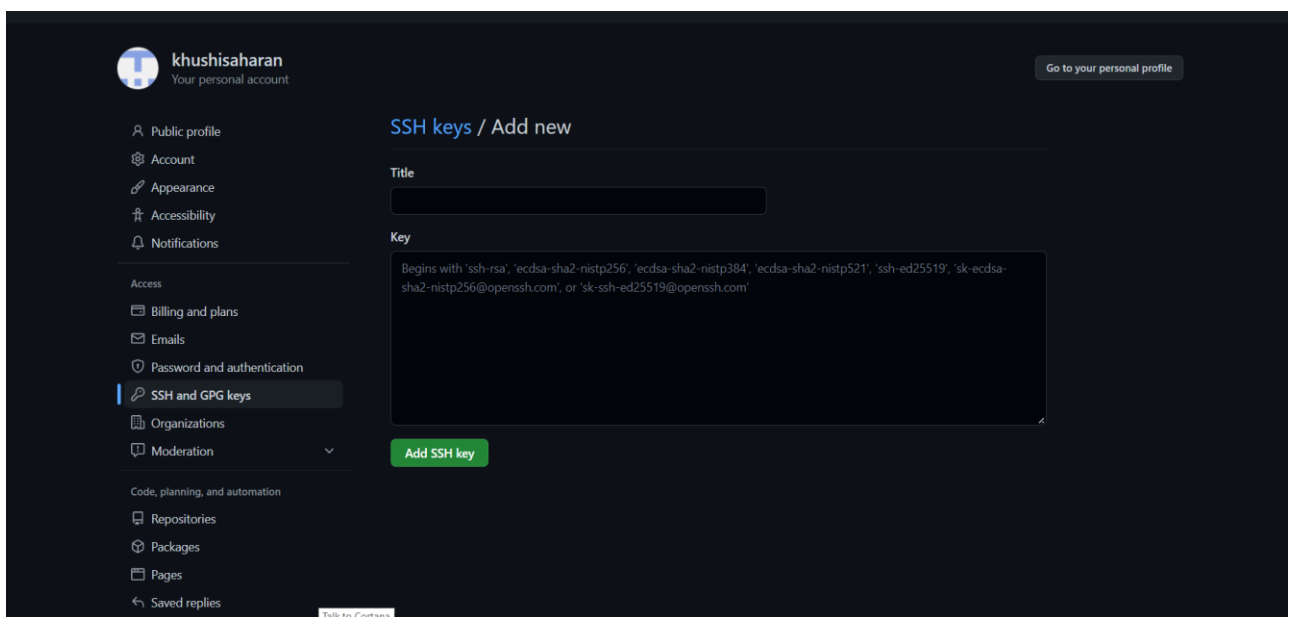
```

HPBLAPTOP-R9TMMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ ssh-add ~/.ssh/id_ed25519
Enter passphrase for /c/Users/HP/.ssh/id_ed25519:
HPBLAPTOP-R9TMMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ ssh-add ~/.ssh/id_ed25519
Enter passphrase for /c/Users/HP/.ssh/id_ed25519:
Identity added: /c/Users/HP/.ssh/id_ed25519 (khushi2029.be21@chitkara.edu.in)
HPBLAPTOP-R9TMMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$

```

The above command will copy the ssh key to your clipboard

- *After this go to your GitHub account settings and click on the SSH and GPG keys section.*
- *Here click on the New SSH key button.*



- *Press the add key button and you are ready to make changes to your repository.*

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.



Project Key

SHA256:W1ebkNf020hRJg40DYCuYKPVhvbRqB/UZLLC5oTZ73E

Added on May 17, 2022

Never used — Read/write

[Check out our guide to generating SSH keys or troubleshoot common SSH problems.](#)

Starting the project

- *Open git bash terminal in the SCM project folder.*
- *Now create two files name `pricing.html` and `pricing.css` using the `touch` command.*

```
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ touch coffee.html
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ touch coffee.css
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ touch drink.html
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ touch drink.css
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ |
```

- *Open the Visual Studio code editor by using the command code `. code` in git bash.*

```
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ touch drink.css
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ code .
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```

- *Add the basic HTML code to the `pricing.html` and add the basic color codes to the CSS file.*

```
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git add --a
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   coffee.css
        new file:   coffee.html
        new file:   drink.css
        new file:   drink.html
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```

- *After this save the files and move back to the git bash terminal.*
- *Now add the files to the staging area by running the command `git add -A`.*
- *After adding the files to the staging area they are ready to be committed. So run the command `git commit -m "message"`.*

```
HPBLAPTOP-R9TNNH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git commit -m "adding files"
[master (root-commit) 94a1471] adding files
4 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 coffee.css
create mode 100644 coffee.html
create mode 100644 drink.css
create mode 100644 drink.html

HPBLAPTOP-R9TNNH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git status
On branch master
nothing to commit, working tree clean

HPBLAPTOP-R9TNNH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```

- *Now we will move on to another branch to add the main HTML and CSS contents to our files.*
- *For this, create a new branch named Pricing using the command `git branch pricing`.*
- *After this, we need to shift to our pricing branch. Run the command `git checkout pricing` to shift to the Pricing branch.*

```
HPBLAPTOP-R9TNNH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git branch tour
HPBLAPTOP-R9TNNH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git checkout tour
Switched to branch 'tour'

HPBLAPTOP-R9TNNH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (tour)
$
```

- *Now again run the command `code .` to open the VS code editor for the pricing branch.*
- *After opening the editor add the HTML code to `pricing.html` and CSS lines of code to `pricing.css`.*
- *Save the files and move back to the git bash terminal.*
- *Now add all the files to the staging area by `git add -A` command.*
- *After adding commit the files using `git commit -m "message"` command.*

- *Make any changes to the files you want and then after committing all the changes we will merge the pricing branch with the master branch.*
- *To merge all the changes first shift to the master branch using the git checkout master command.*

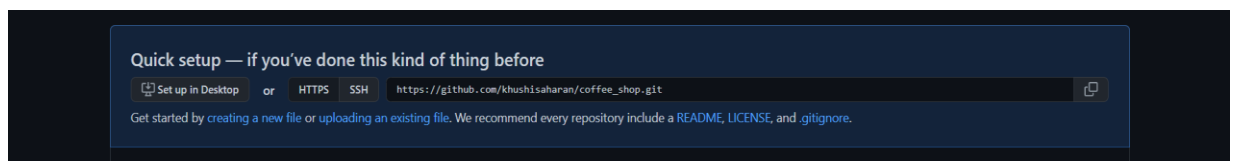
```
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (tour)
$ git checkout master
Switched to branch 'master'
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git merge tour
Already up to date.
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```

- *After this, run the command git merge Pricing.*
- *All your files and commits will be merged with the master branch.*
- *Run the git log command to see all the commits of the master branch as well as the pricing branch.*

```
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git log
commit 98a147176b8e342c3fefa658190998f037b9911 (HEAD -> master, tour)
Author: khushi <khushi2029.he218chitkara.edu.in>
Date: Thu May 19 18:31:07 2022 +0530
    adding files
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```

Pushing the project to the GitHub repository

- *To push the project to the GitHub repository first we need to set up a remote origin to which we will push the content.*
- *To set up remote origin we need the code for the repository to which we will push.*
- *So, go to GitHub account and click on my repository and select the Pricing repository that we created earlier.*



- *After selecting click on the green-colored code button and copy the repository code.*

- *After copying go back to the git terminal and run the command `git remote add origin {paste the repository code}`.*

```
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git remote add origin https://github.com/khushisaharan/coffee_shop.git

HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git remote
origin

HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```

- *To check if origin has been added or not, run the command `git remote` and it will show origin.*
- *Now our repository is ready and we can push the content.*
- *Run the command `git push origin master -force` to push the project to the GitHub pricing repository.*

```
HPBLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git push origin master --force
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 237 bytes | 237.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/khushisaharan/coffee_shop.git
 * [new branch]      master -> master
```

Forking other contributor's repositories

- *Forking means copying other users' repositories to our GitHub account.*
- *So we will fork other contributors' repositories to our account.*
- *To fork someone's repository first go to the search bar and type the username/repo_name. Click on the matched repository.*
- *After opening the repository click on the fork button located in the top right corner below the notification icon.*

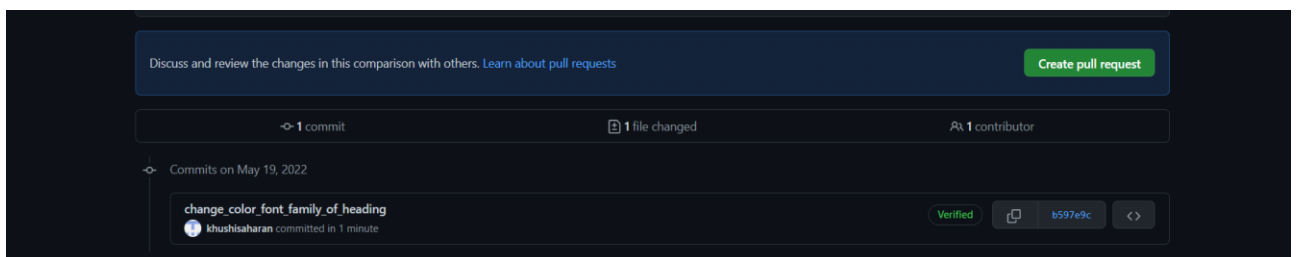


- *After clicking the button the repository will be forked to your account.*

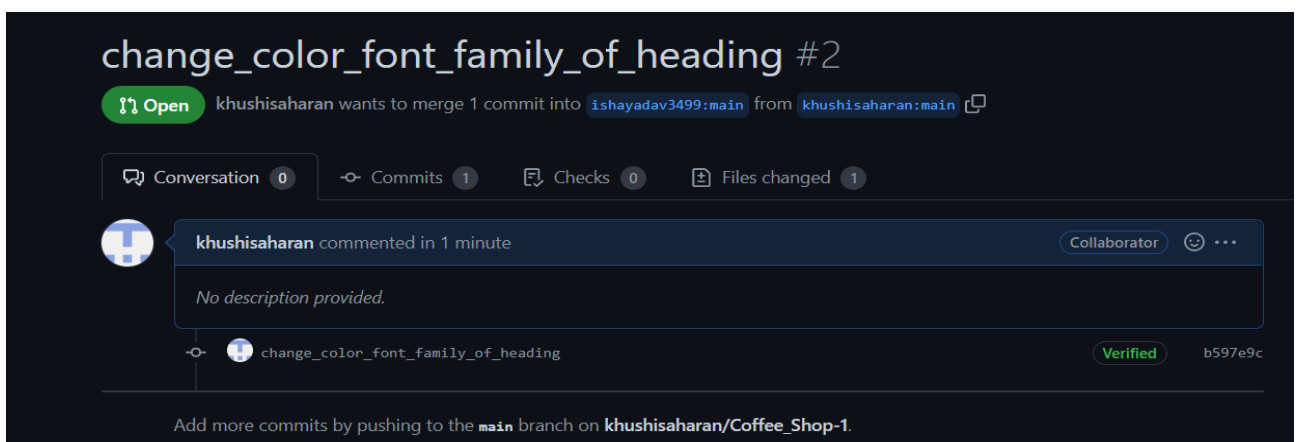
Pull request

If you want to make some changes to the forked repository and want the changes to be included in the file, then you send the pull request to the owner of the repository to include the changes.

- *To send the pull request you must first make some changes and commit them.*
- *Click on any of the files from the repository and click on the edit (pencil-like button).*
- *Make changes to the file and click on the commit changes button after giving a suitable title to the commit.*

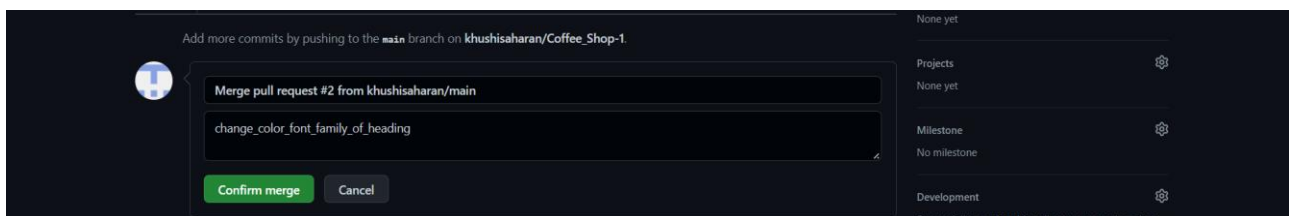
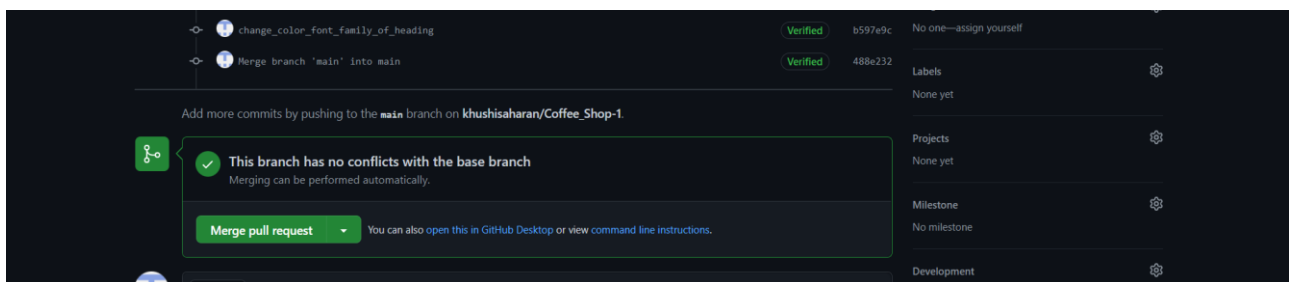


- *After committing click on the Create pull request and confirm the request.*



Merging the pull request

- *We merge the pull request when someone else forked your repository and committed changes and sent you a request to merge the changes.*
- *Open your repository and click on the pull request section.*
- *There you will see the received pull requests.*
- *Click on a pull request and there you will get the merge pull request button.*
- *Click on that button and then click on Confirm merge button to successfully merge the request.*



Git Clone

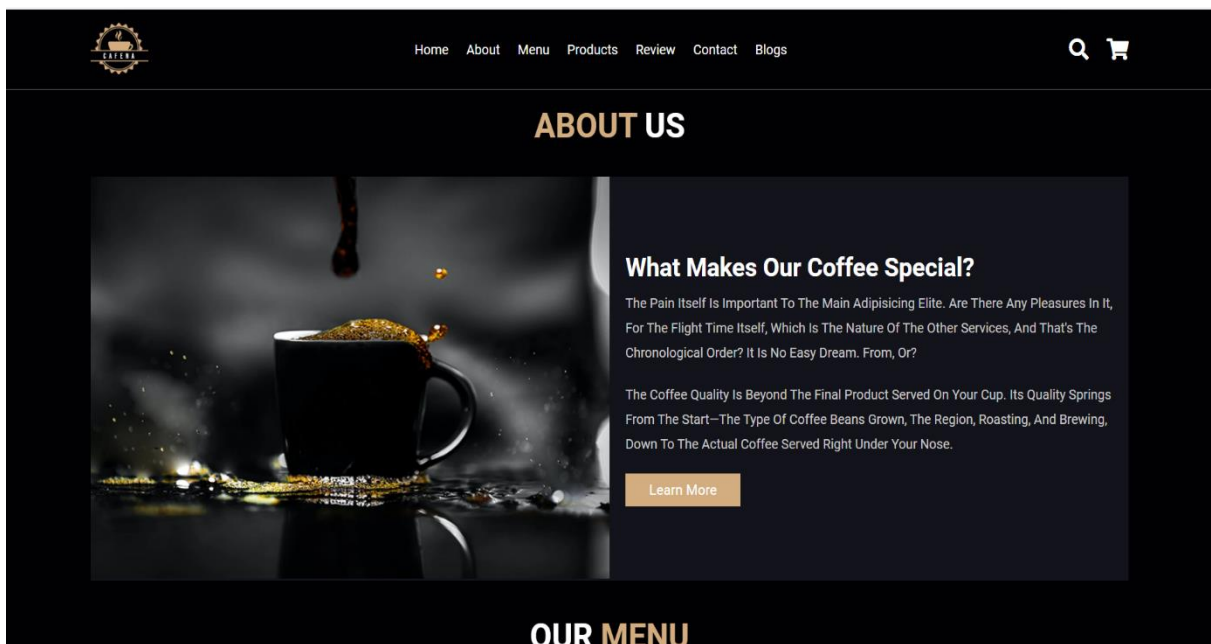
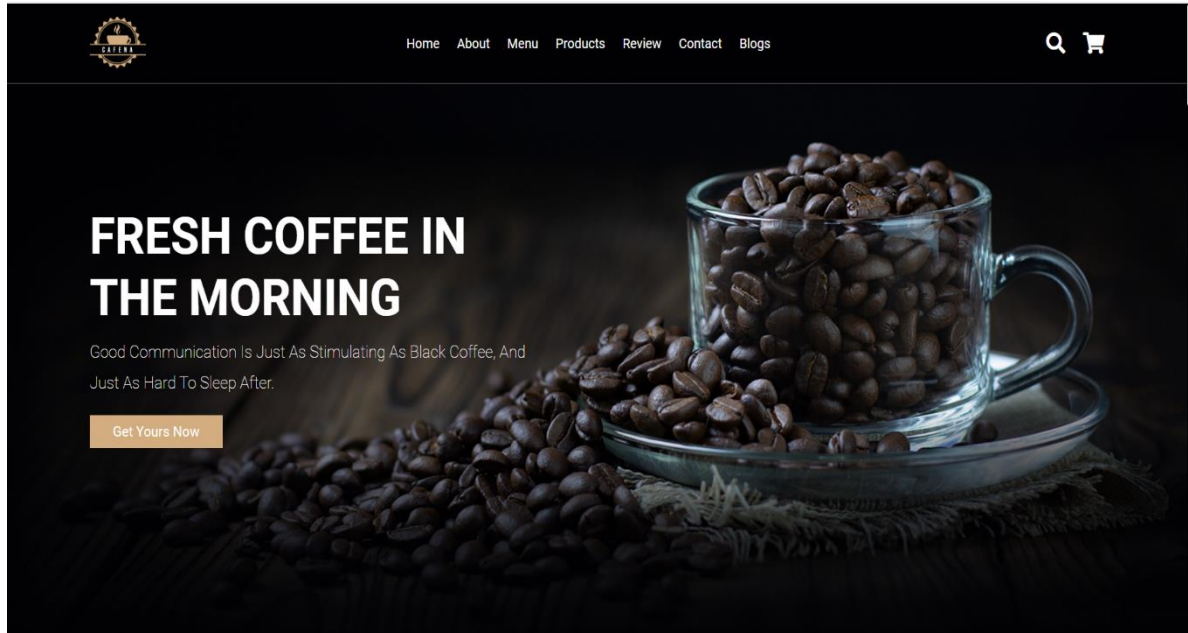
The Git clone command is used to copy all the remote repository files to your local machine.


- *To clone files, open the git bash terminal in the folder in which you want to clone.*



- *After this open GitHub and copy the code of the repository that you want to clone.*
- *Go back to the git terminal and run the command git clone {repo_code}.*
- *Your files will be successfully cloned.
(Internet connection is required to clone the files)*

```
HPDLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$ git clone https://github.com/khushisaharan/coffee_shop.git
Cloning into 'coffee_shop'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 12 (delta 4), reused 2 (delta 0), pack-reused 0
Receiving objects: 100% (12/12), done.
Resolving deltas: 100% (4/4), done.
HPDLAPTOP-R9TNMH35 MINGW64 ~/OneDrive/Desktop/coffee_shop (master)
$
```




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Fresh Coffee

★★★★☆

115rs ~~215rs~~











Fresh Coffee

★★★★☆

115rs ~~160~~










Fresh Coffee


★★★★☆

120rs ~~160~~



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CUSTOMER'S REVIEW




I Like This Coffee It's Really Smooth And Has An After Taste Of Chocolate. Service Was Brilliant And The Coffee Was Delivered The Day After I Ordered It And Was Ground Perfectly For The Cafetiere.




Ayush Aggarwal

★★★★☆




This Is One Of Our Favourites And The Love Of Coffee Delivered It In Time For My Saturday Am Coffee




Riya Singh

★★★★☆




This Coffee Has A Bit Of Sweetness Without Compromising The Taste. Good For Afternoon When You Want Something Sweeter





Rhythm

★★★★☆





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