

Week 1 Assignment

1.Git-hub

1.a)

Creating new repository :


MINGW64:/c/Users/Kalyani

```
lyani@DESKTOP-F7C9HRC MINGW64 ~ (Prod)
git init First_Project
initialized existing Git repository in C:/Users/Kalyani/First_Project/.git/
lyani@DESKTOP-F7C9HRC MINGW64 ~ (Prod)
```

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *

 Kalyani-0709 ▾

Repository name *

/ First_Project ✓

Great repository names are short and memorable. Need inspiration? How about [silver-winner](#)?

Description (optional)



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:

Skip this step if you're importing an existing repository.

☒ Add a README file

This is where you can write a long description for your project. [Learn more.](#)

☐ Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

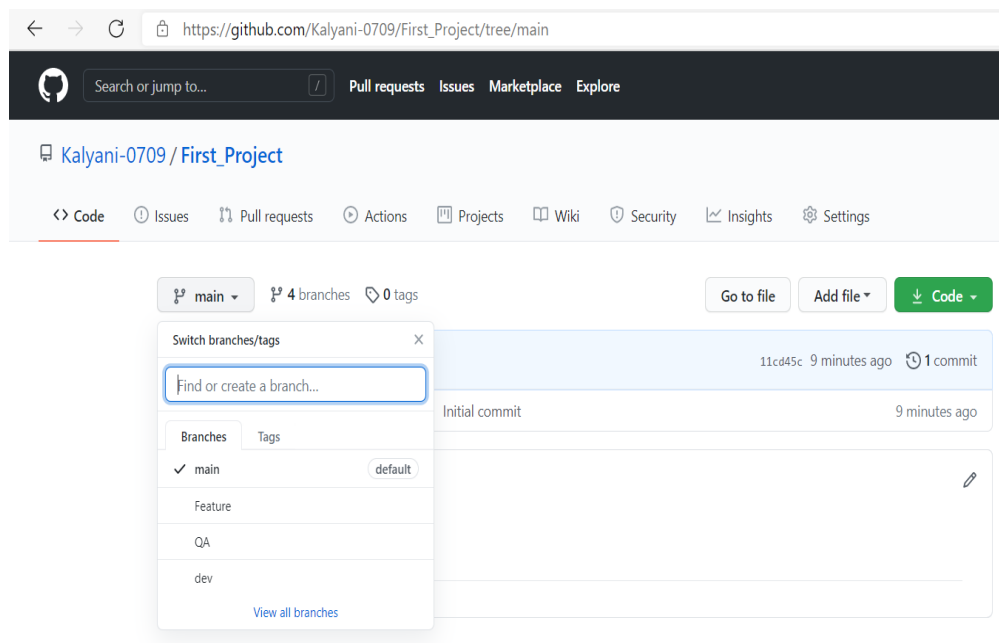
☐ Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)


This will set  main as the default branch. Change the default name in your [settings](#).

Create repository


Creating branches:



Clone:

 MINGW64:/c/Users/Kalyani

```
Kalyani@DESKTOP-F7C9HRC MINGW64 ~  
$ git clone -b Feature https://github.com/Kalyani-0709/First_Project.git  
Cloning into 'First_Project'...  
remote: Enumerating objects: 3, done.  
remote: Counting objects: 100% (3/3), done.  
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
Receiving objects: 100% (3/3), done.  
  
Kalyani@DESKTOP-F7C9HRC MINGW64 ~  
$
```

 MINGW64:/c/Users/Kalyani/First_Project

```
Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ ls
README.md

Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ ls
README.md  Textfile.txt

Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ git status
On branch Feature
Your branch is up to date with 'origin/Feature'.

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

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

Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ git add .
```

```
Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ git commit -m "First commit on 08/03"
[Feature 2e0d602] First commit on 08/03
 1 file changed, 1 insertion(+)
 create mode 100644 Textfile.txt

Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ git push origin Feature
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 307 bytes | 76.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Kalyani-0709/First_Project.git
 11cd45c..2e0d602  Feature -> Feature

Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ |
```

Kalyani-0709 / First_Project

<> Code

🕒 Issues

🔗 Pull requests

🔄 Actions

📁 Projects

📖 Wiki

🛡 Security

📊 Insights

⚙ Settings

🔗 Feature had recent pushes less than a minute ago

Compare & pull request

🔗 Feature ▾

🔗 4 branches

🔗 0 tags

Go to file

Add file ▾

📄 Code ▾

This branch is 1 commit ahead of main.

🔗 Pull request

🔗 Compare

🔗 Kalyani-0709 First commit on 08/03

2e0d602 2 minutes ago ⌚ 2 commits

📄 README.md

Initial commit

1 hour ago

📄 Textfile.txt

First commit on 08/03

2 minutes ago

README.md

First_Project

github.com/Kalyani-0709/First_Project/pull/1

🔗 Pull requests

🕒 Issues

📁 Marketplace

🔗 Explore

🔗 Projects

📖 Wiki

🛡 Security

📊 Insights

⚙ Settings

First commit on 08/03 #1

🔗 Open Kalyani-0709 wants to merge 1 commit into dev from Feature

🗨 Conversation 0

📄 Commits 1

🔗 Checks 0

📄 Files changed 1

🔗 Kalyani-0709 commented 1 minute ago

Owner 🗨 ...

No description provided.

🔗 First commit on 08/03

2e0d602

Add more commits by pushing to the Feature branch on Kalyani-0709/First_Project.

🔗 Merge pull request #1 from Kalyani-0709/Feature

First commit on 08/03

Confirm merge Cancel

🔗 Write Preview

H B I ☰ <> 🔗 ☰ ☰ ☑ @ 🗨 ↩

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

🔗 Close pull request Comment

🕒 Remember, contributions to this repository should follow our GitHub Community Guidelines.

💡 ProTip! Add comments to specific lines under Files changed.

m/Kalyani-0709/First_Project/pull/1

Issues Marketplace Explore

Projects Wiki Security Insights Settings

First commit on 08/03 #1

Merged Kalyani-0709 merged 1 commit into `dev` from `Feature` now

Conversation 0 Commits 1 Checks 0 Files changed 1



Kalyani-0709 commented 1 minute ago

Owner

No description provided.



First commit on 08/03

2e8d682



Kalyani-0709 merged commit `01fd132` into `dev` now

Revert



Pull request successfully merged and closed

Delete branch

You're all set—the `Feature` branch can be safely deleted.



Write Preview

H B I ≡ <> 🔗 ≡ ≡ ≡ ☑ @ 📎 ↶

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Comment

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

ProTip! Add comments to specific lines under [Files changed](#).

https://github.com/Kalyani-0709/First_Project/tree/dev



Search or jump to...

Pull requests Issues Marketplace Explore

Kalyani-0709 / First_Project

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

dev had recent pushes 2 minutes ago

Compare & pull request

dev

4 branches 0 tags

Go to file

Add file

Code

This branch is 2 commits ahead of main.

Pull request Compare



Kalyani-0709 Merge pull request #1 from Kalyani-0709/Feature

01fd132 2 minutes ago 3 commits



README.md

Initial commit

1 hour ago



Textfile.txt

First commit on 08/03

11 minutes ago

README.md



First_Project

```
Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ git fetch
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (1/1), 631 bytes | 14.00 KiB/s, done.
From https://github.com/Kalyani-0709/First_Project
   11cd45c..01fd132  dev       -> origin/dev
```

```
Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Feature)
$ git checkout Dev
Switched to a new branch 'Dev'
Branch 'Dev' set up to track remote branch 'Dev' from 'origin'.

Kalyani@DESKTOP-F7C9HRC MINGW64 ~/First_Project (Dev)
$
```

Adding ,modifying and deleting files :

The screenshot shows the GitHub interface for a repository named 'First_Project'. The top navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. Below the repository name, there are links for Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The main content area shows the 'main' branch selected, with 4 branches and 0 tags. A dropdown menu for 'Add file' is open, showing options for 'Create new file' and 'Upload files'. The 'README.md' file is displayed, showing the text 'First_Project'.

First_Project / Adding_File1 in main

Cancel Changes

<> Edit new file

Preview

Spaces

2

No wrap

1 Adding a new file....



Commit new file

Create Adding_File1

Add an optional extended description...

☒ Commit directly to the main branch.☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit new file

Cancel

main

4 branches

0 tags

Go to file

Add file

Code



Kalyani-0709 Create Adding_File1

b15f3df now

2 commits



Adding_File1

Create Adding_File1

now



README.md

Initial commit

2 days ago

README.md




First_Project

First_Project / Adding_File1 in main Cancel Changes

<> Edit file Preview changes Spaces 2 No wrap

```
1 Adding a new file....
2
3 Editing the file .....
```

 **Commit changes**

Update Adding_File1

Add an optional extended description...

☒ Commit directly to the main branch.

☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)



Commit changes

Cancel



st_Project

 Pull requests 1  Actions  Projects  Wiki  Security  Insights  Settings


Create Adding_File #2


 **Merged** Kalyani-0709 merged 1 commit into [Feature](#) from [Kalyani-0709-patch-1](#)  now


 Conversation 0  Commits 1  Checks 0  Files changed 1

 Kalyani-0709 commented 27 seconds ago Owner  ...

No description provided.

 Create Adding_File Verified a1cb61e


 Kalyani-0709 merged commit 315de8e into [Feature](#) now Revert

 **Pull request successfully merged and closed** Delete branch




You're all set—the [Kalyani-0709-patch-1](#) branch can be safely deleted.

st_Project

[Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

 Feature had recent pushes 2 minutes ago

[Compare & pull request](#)

 Feature  5 branches  0 tags

[Go to file](#)


[Add file](#)




[Code](#)

This branch is 3 commits ahead, 2 commits behind main.

[Pull request](#)

[Compare](#)

 Kalyani-0709 Merge pull request #2 from Kalyani-0709/Kalyani-0709-patch-1 315de8e 2 minutes ago 🕒 4 commits

 Adding_File	Create Adding_File	2 minutes ago
 README.md	Initial commit	2 days ago
 Textfile.txt	First commit on 08/03	2 days ago


README.md



First_Project

_Project

[Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

 Feature had recent pushes 4 minutes ago

[Compare & pull request](#)

 main  5 branches  0 tags

[Go to file](#)

[Add file](#)

[Code](#)

 Kalyani-0709 Deleting a file 9a7babe now 🕒 4 commits

 README.md	Initial commit	2 days ago
---	----------------	------------


README.md



First_Project

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

Comparing changes

 base: dev < compare: Feature ✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#) [Create pull request](#)

2 commits

1 file changed

0 comments

1 contributor

Commits on Mar 10, 2021

Create Adding_File

Merge pull request #2 from Kalyani-0709/Kalyani-0709-patch-1

Verified a1cb61e

Verified 315de8e

Showing 1 changed file with 3 additions and 0 deletions.

Unified Split

3 Adding_File

... @@ -0,0 +1,3 @@

1 + Adding a new file

2 +

3 + Editing the file

Feature #3


[Open](#) Kalyani-0709 wants to merge 2 commits into dev from Feature

Conversation 0

Commits 2

Checks 0


Files changed 1

 Kalyani-0709 commented now

Owner

...

Pull request from Feature to Dev branch...

 Kalyani-0709 added 2 commits 23 minutes ago


Create Adding_File

Merge pull request #2 from Kalyani-0709/Kalyani-0709-patch-1


Verified a1cb61e

Verified 315de8e

Add more commits by pushing to the **Feature** branch on Kalyani-0709/First_Project.

 Continuous integration has not been set up


[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.










 This branch has no conflicts with the base branch

Merging can be performed automatically.

[Merge pull request](#)


You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

 Write Preview

H B I         

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

 Close pull request

[Comment](#)

Feature #3

Merged Kalyani-0709 merged 2 commits into dev from Feature now

Conversation 0

-> Commits 2

Checks 0

Files changed 1

Kalyani-0709 commented 21 seconds ago

Owner

...

Pull request from Feature to Dev branch...

Kalyani-0709 added 2 commits 23 minutes ago

Create Adding_File

Verified

a1cb61e

Merge pull request #2 from Kalyani-0709/Kalyani-0709-patch-1

Verified

315de8e

Kalyani-0709 merged commit a80f96f into dev now

Revert

Pull request successfully merged and closed

Delete branch

You're all set—the Feature branch can be safely deleted.

Write

Preview

H B I

≡ <> 🔗

≡ ≡

☑

@

🔗

↶

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Comment

dev had recent pushes 1 minute ago

Compare & pull request

dev

5 branches

0 tags

Go to file

Add file

Code

This branch is 5 commits ahead, 3 commits behind main.

Pull request

Compare

	Kalyani-0709 Merge pull request #3 from Kalyani-0709/Feature	a80f96f	1 minute ago	🕒 6 commits
	Adding_File	Create Adding_File		24 minutes ago
	README.md	Initial commit		2 days ago
	Textfile.txt	First commit on 08/03		2 days ago

README.md

First_Project