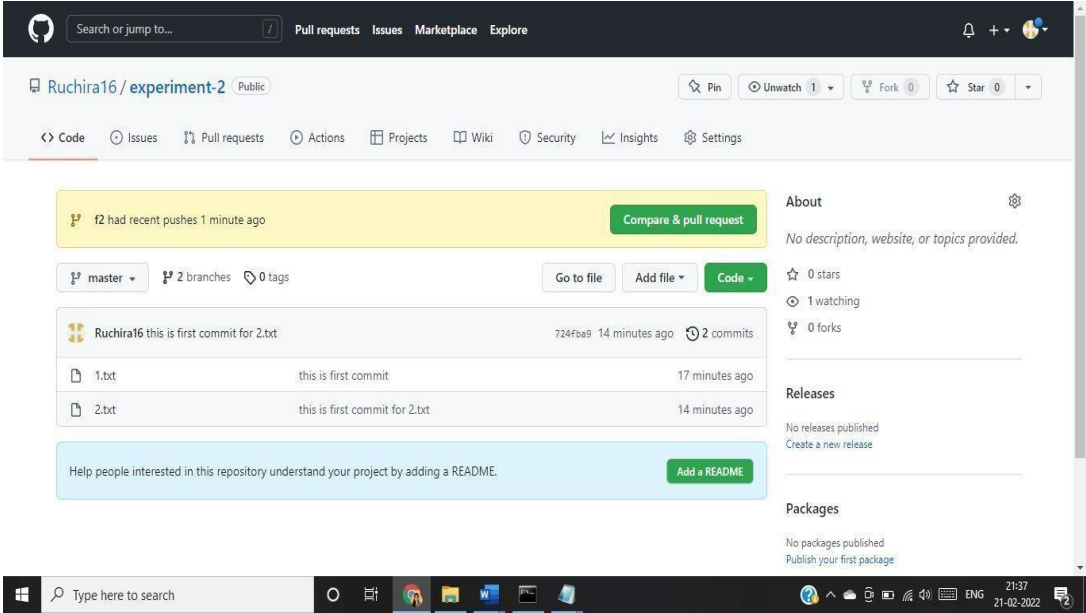


Semester	BE Semester VIII – INFT Engineering		
Subject	DevOps Lab		
Subject Professor In-charge	Prof. Rohit Barve		

Student Name	Devang Shetye		
Roll Number	18101B0068	Division:B	Batch:1
Grade and Subject Teacher's Signature			

Experiment Number	2		
Experiment Title	To perform version control using a GitHub.		
Resources / Apparatus Required	Hardware: <ul style="list-style-type: none">• Intel Core i3/i5/i7 Processor with Intel VT-X support.• 4 GB RAM• 500 GB Hard disk	Software: Operating systems: Windows or Linux Desktop OS for Client machines.	
Theory/ Procedure/ Algorithm	GitHub: <ul style="list-style-type: none">• GitHub is a web-based version-control and collaboration platform for software developers.• GitHub allows developers to change, adapt and improve software from its public repositories for free, but it charges for private repositories, offering various paid plans. Each public or private repository contains all of a project's files, as well as each file's revision history. Repositories can have multiple collaborators and can be either public or private.• GitHub facilitates social coding by providing a web interface to the Git code repository and management tools for collaboration. GitHub can be thought of as a serious social networking site for software developers. Members can follow each other, rate each other's work, receive updates for specific projects and communicate publicly or privately.• Three important terms used by developers in GitHub are fork, pull request and merge. A fork, also known as a branch, is simply a repository that has been copied from one member's account to another member's account. Forks and		

	<p>branches allow a developer to make modifications without affecting the original code. If the developer would like to share the modifications, she can send a pull request to the owner of the original repository. If, after reviewing the modifications, the original owner would like to pull the modifications into the repository, she can accept the modifications and merge them with the original repository.</p>
Commands	<pre>git remote add origin https://github.com/17/harshu.git git push origin master git branch f2 git checkout f2 gedit 3.txt git add 3.txt git commit 3.txt -m "9" git push origin f2 cd git clone https://github.com/17/harshu.git cd harshu ls git branch git checkout f2 git branch</pre>
Output:	<p>Master branch:</p> 

Commits on Master branch:

Ruchira16 / experiment-2Public

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master

Commits on Feb 21, 2022

this is first commit for 2.txt

Ruchira16

committed 18 minutes ago

724fb9<>

this is first commit

Ruchira16

committed 21 minutes ago

a8990e9<>

Newer

Older

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f2 branch:

Ruchira16 / experiment-2Public

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

f2

f2 had recent pushes 2 minutes ago

Compare & pull request

f2

2 branches

0 tags

Go to file

Add file

Code

This branch is 1 commit ahead of master.

Contribute

Ruchira16

9

cd6347a

3 minutes ago

3 commits

1.txt

this is first commit

18 minutes ago

2.txt

this is first commit for 2.txt

15 minutes ago

3.txt

9

3 minutes ago

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

Add a README

About

No description, website, or topics provided.

0 stars

1 watching

0 forks

Releases

No releases published

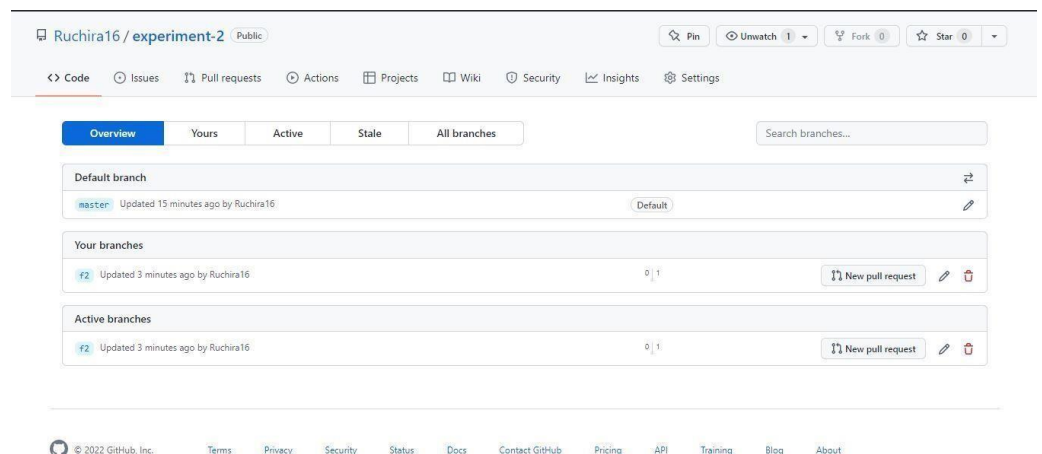
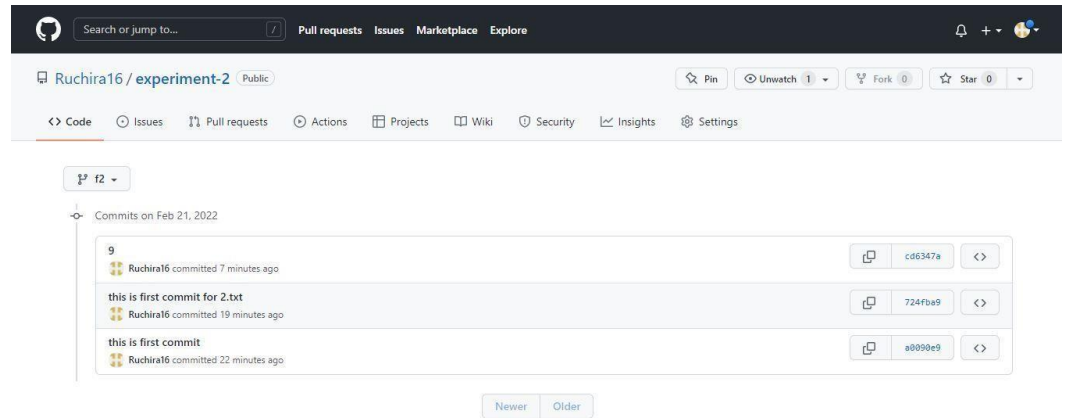
Create a new release

Packages

No packages published

Publish your first package

Commits on f2 branch:



Observations/
Conclusion

We come to know about how to use GitHub for version-control. GitHub is a web-based version-control and collaboration platform for software developers.