National School of Business Management

Faculty of Engineering

CE307.3 Digital Design and Embedded Systems

TUTORIAL 1

SETTING UP THE REPOSITORY

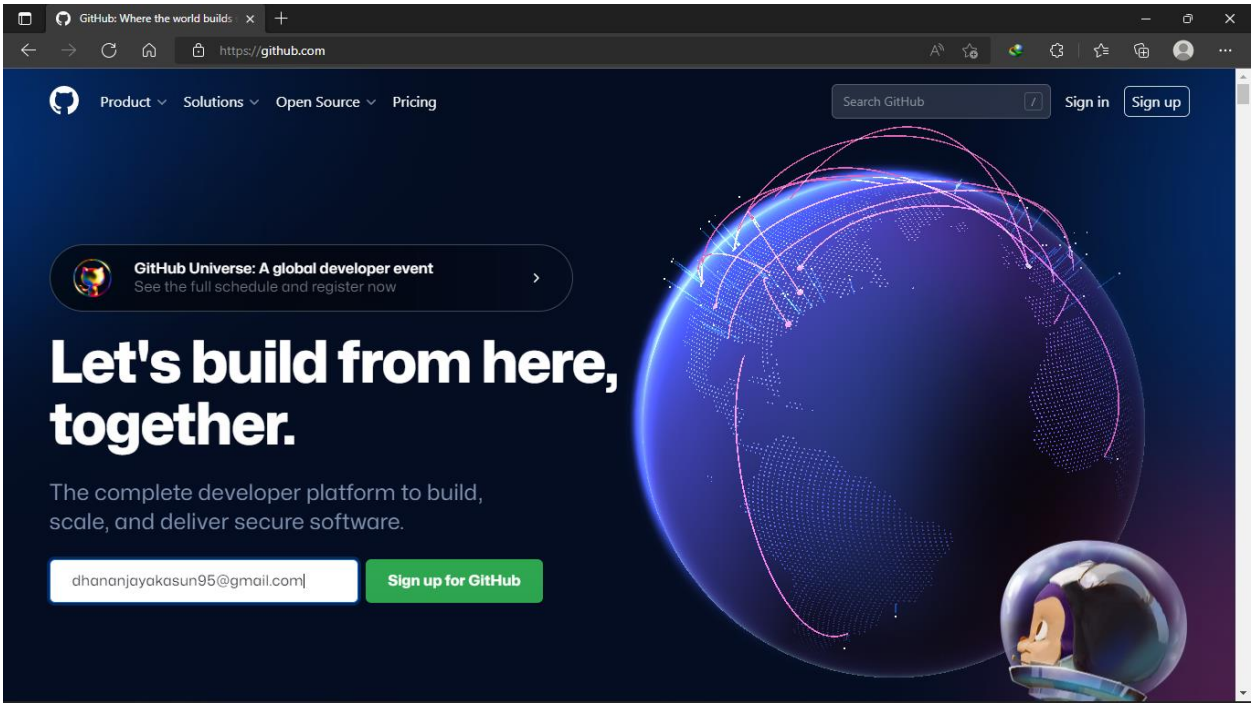
S A K Dhananjaya

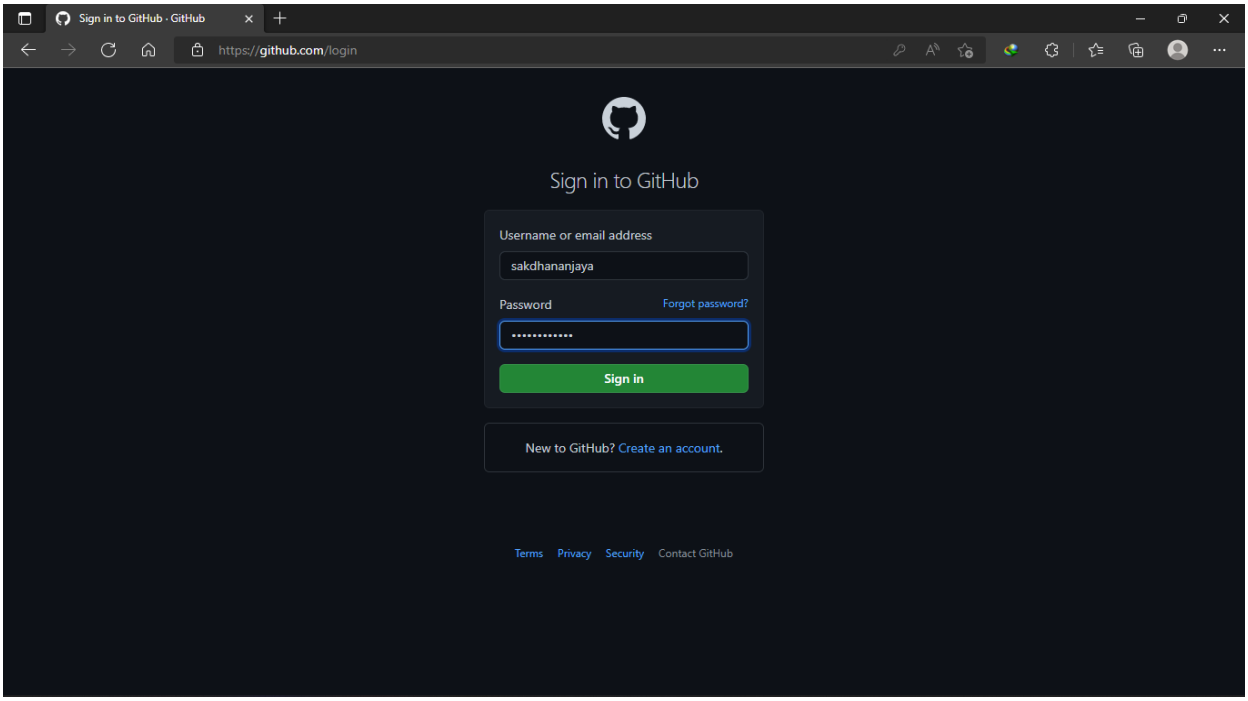
20727

(20.2 Batch)

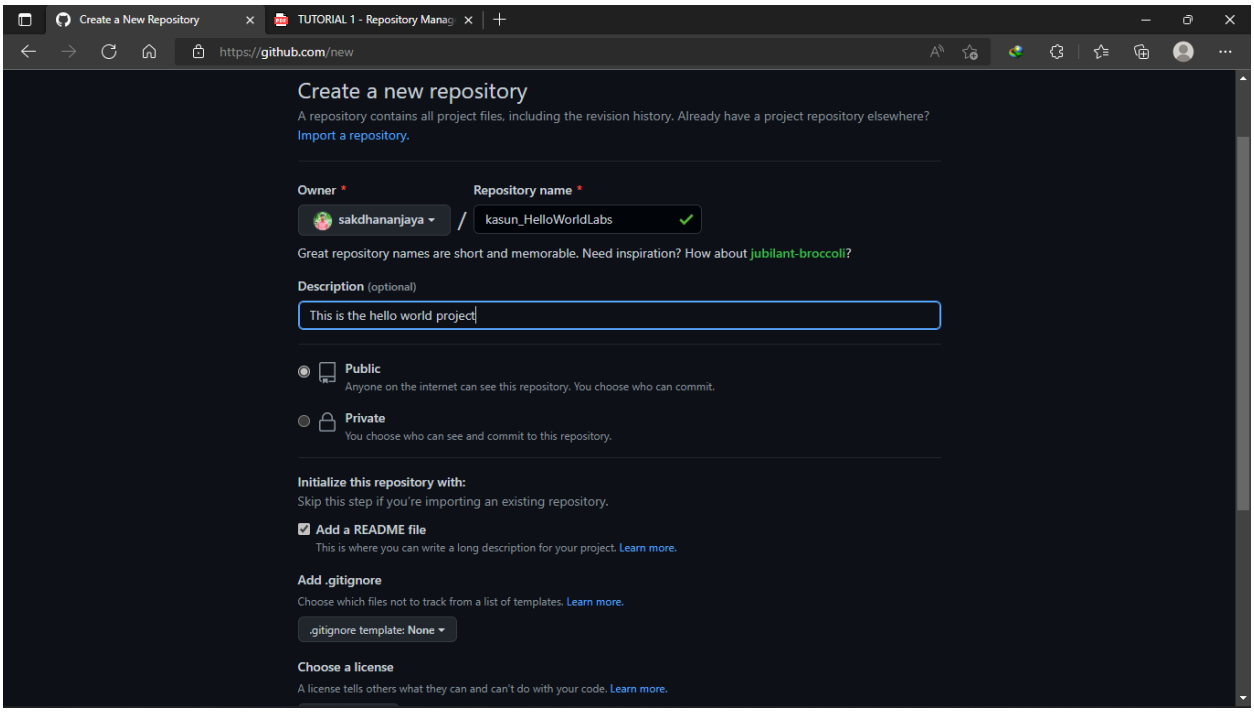
1.1 Familiarizing with GITHUB

Step 01: Create Your GitHub Account

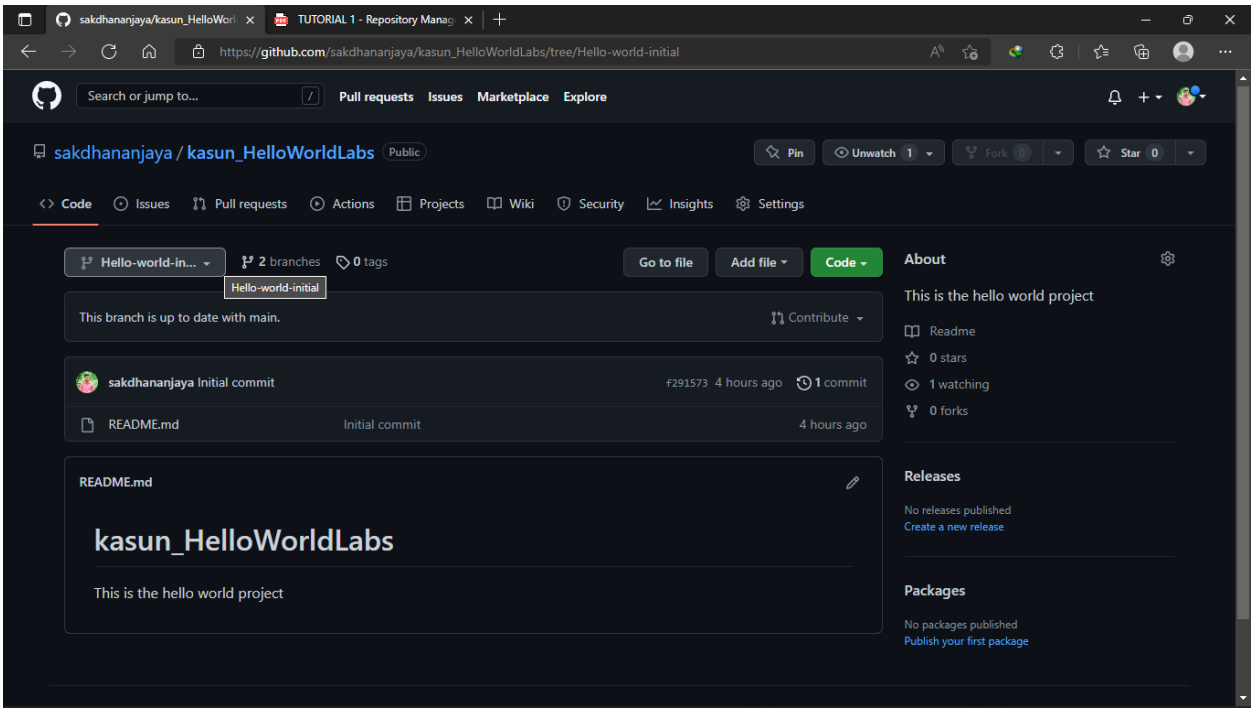




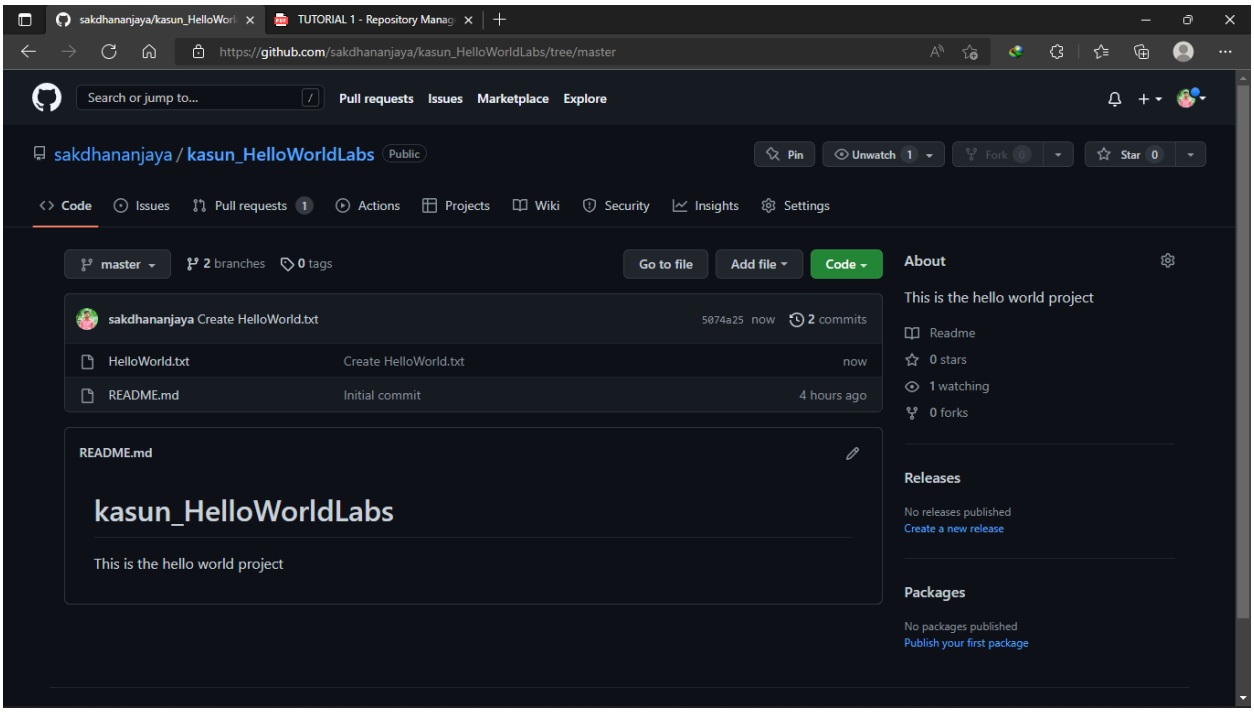
Step 2: Create a repository



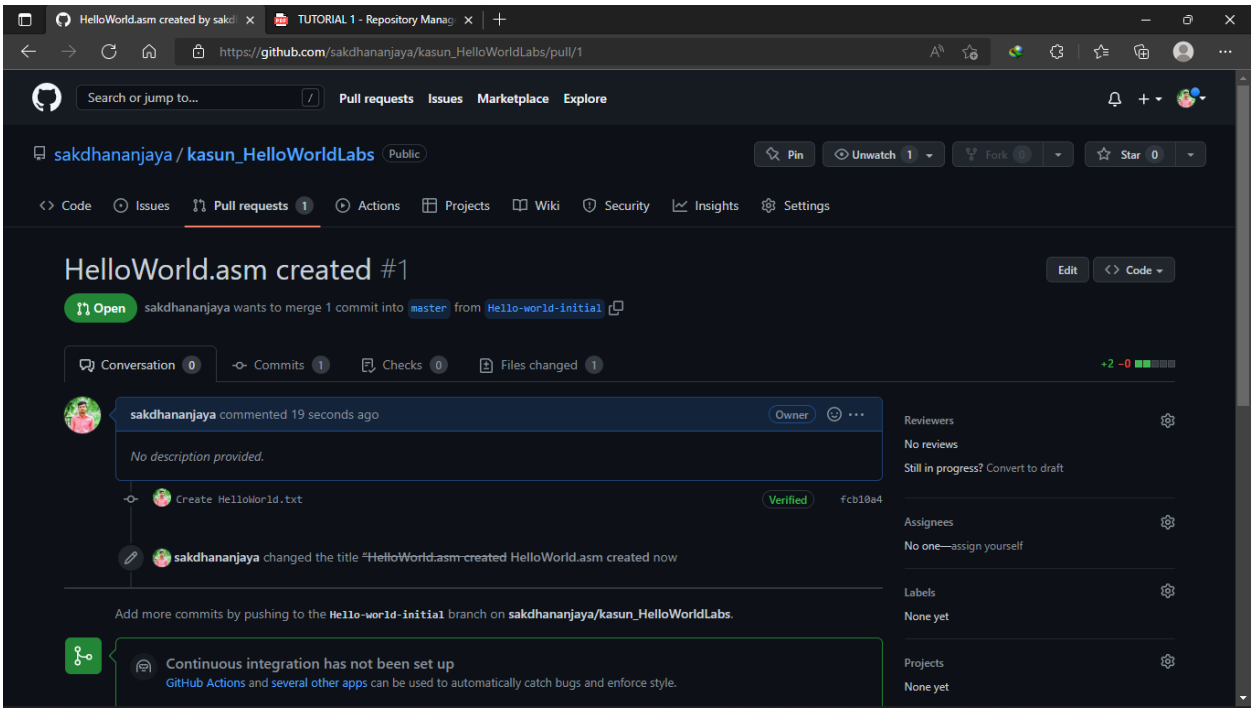
Step 3: Branching



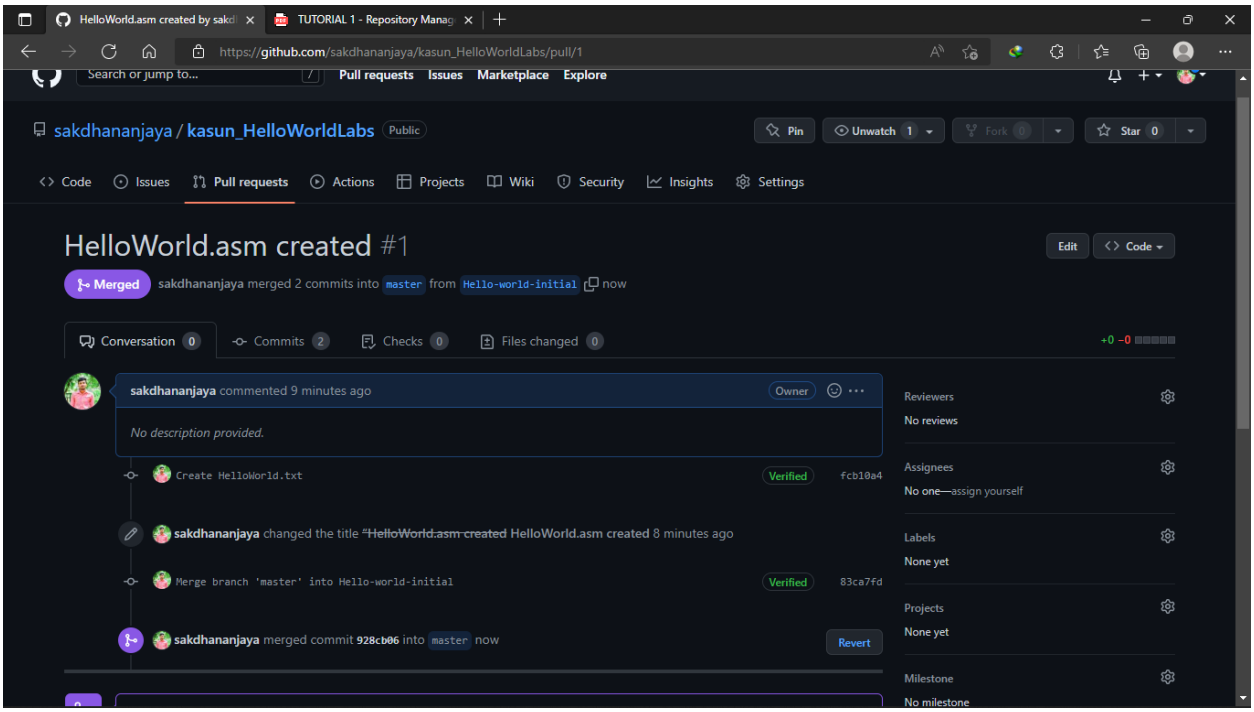
Step 4: Commit changes



Step 5: Open a pull request

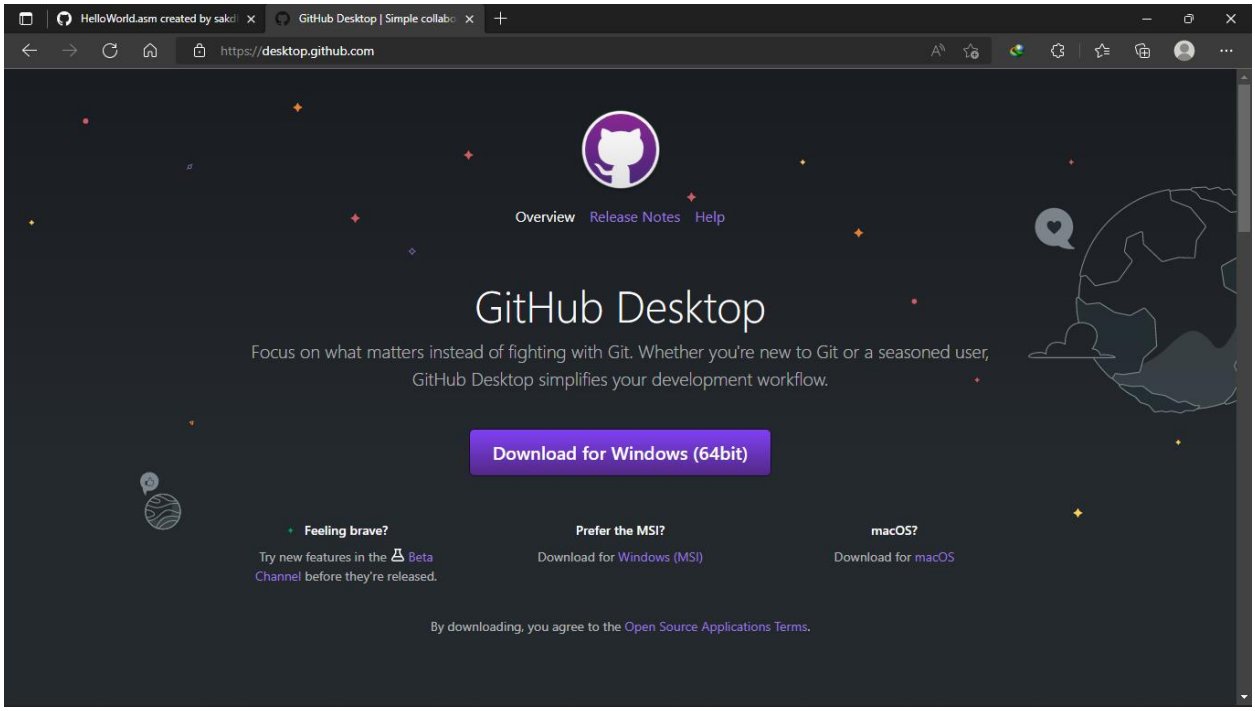


Step 6: Merge the pull request

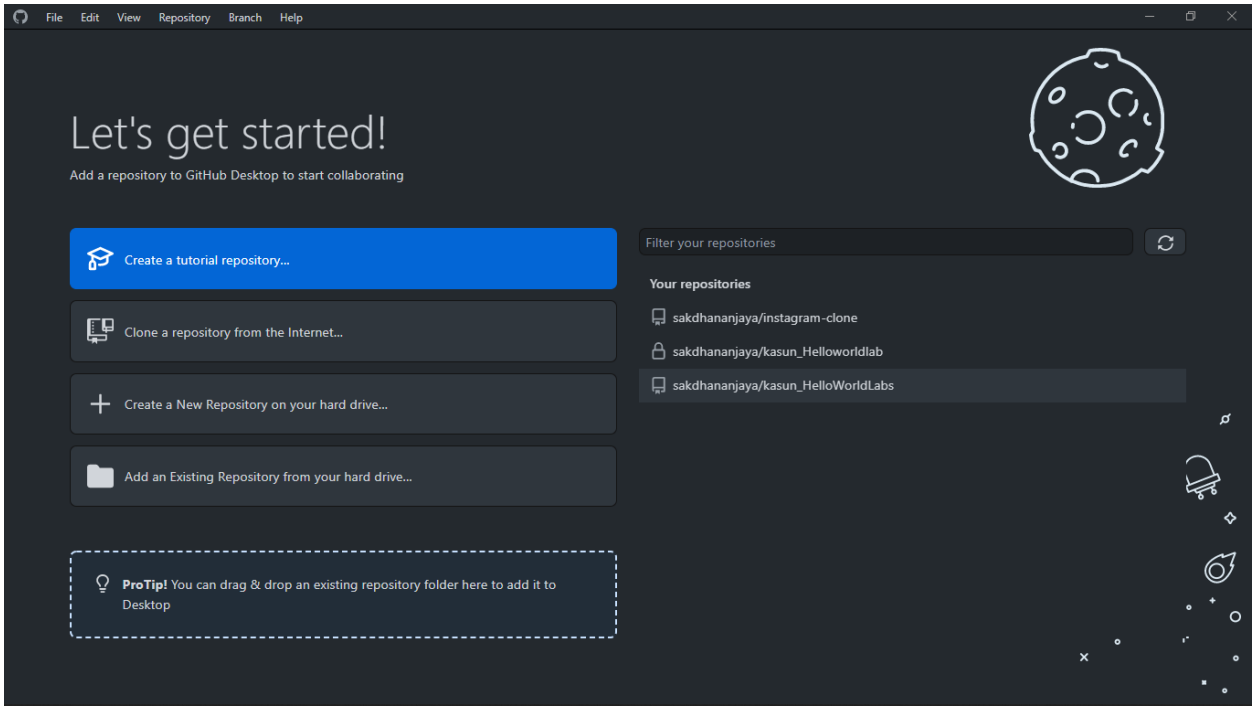


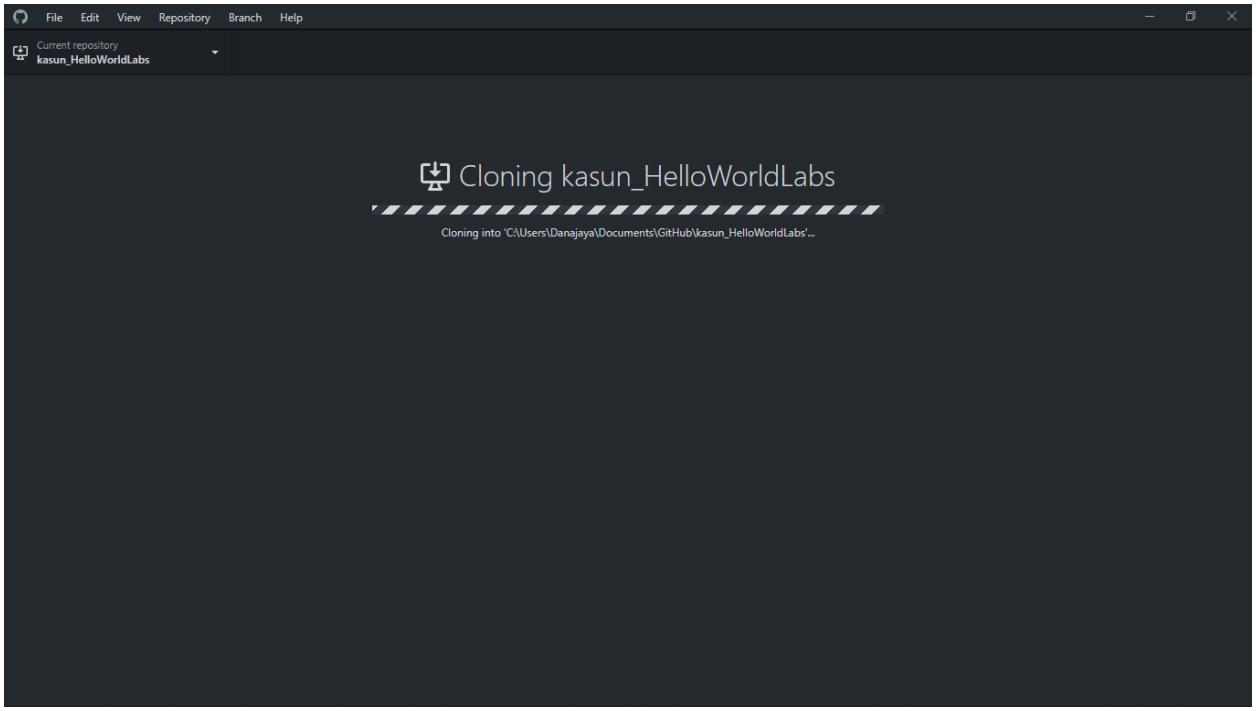
1.2 GITHUB GUI

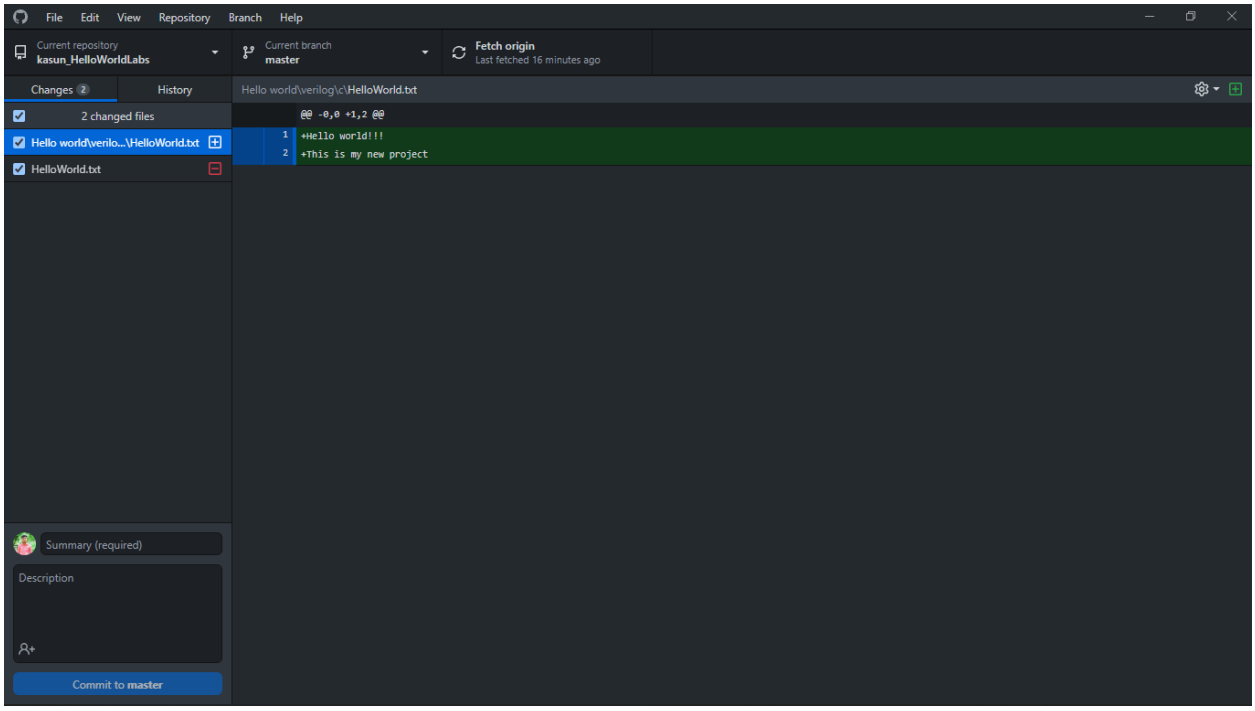
Step 1 : Installing GitHub desktop

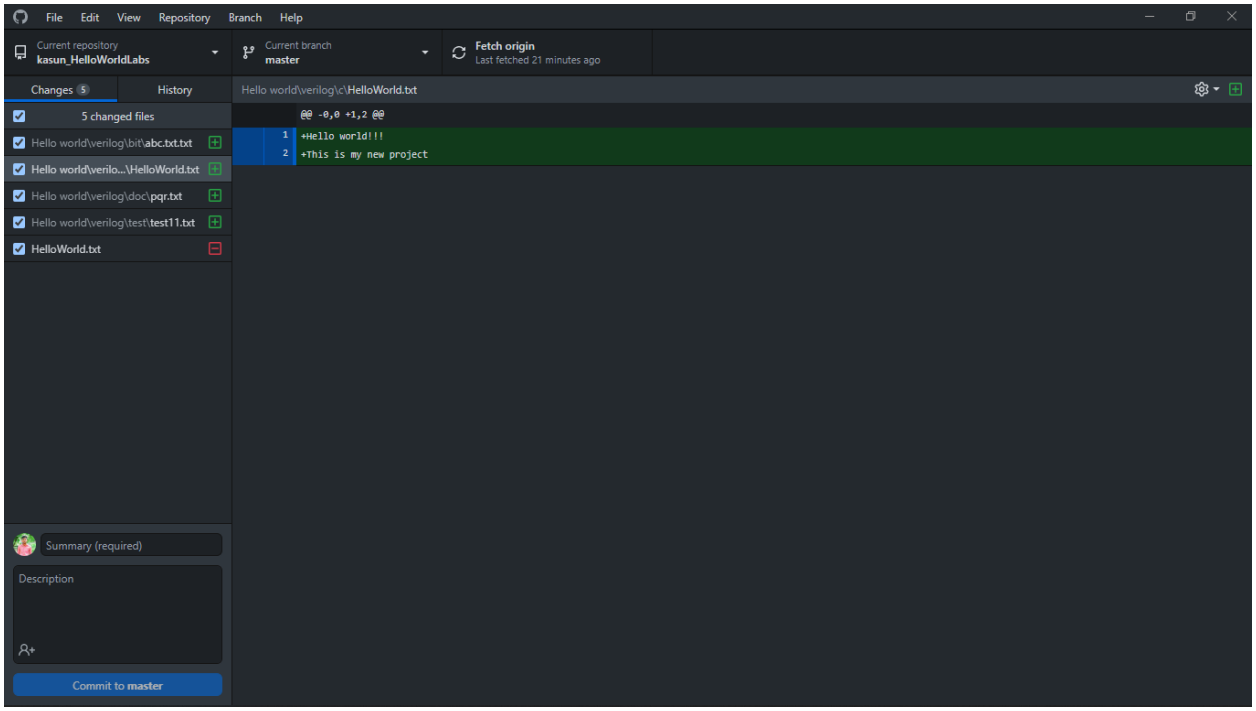


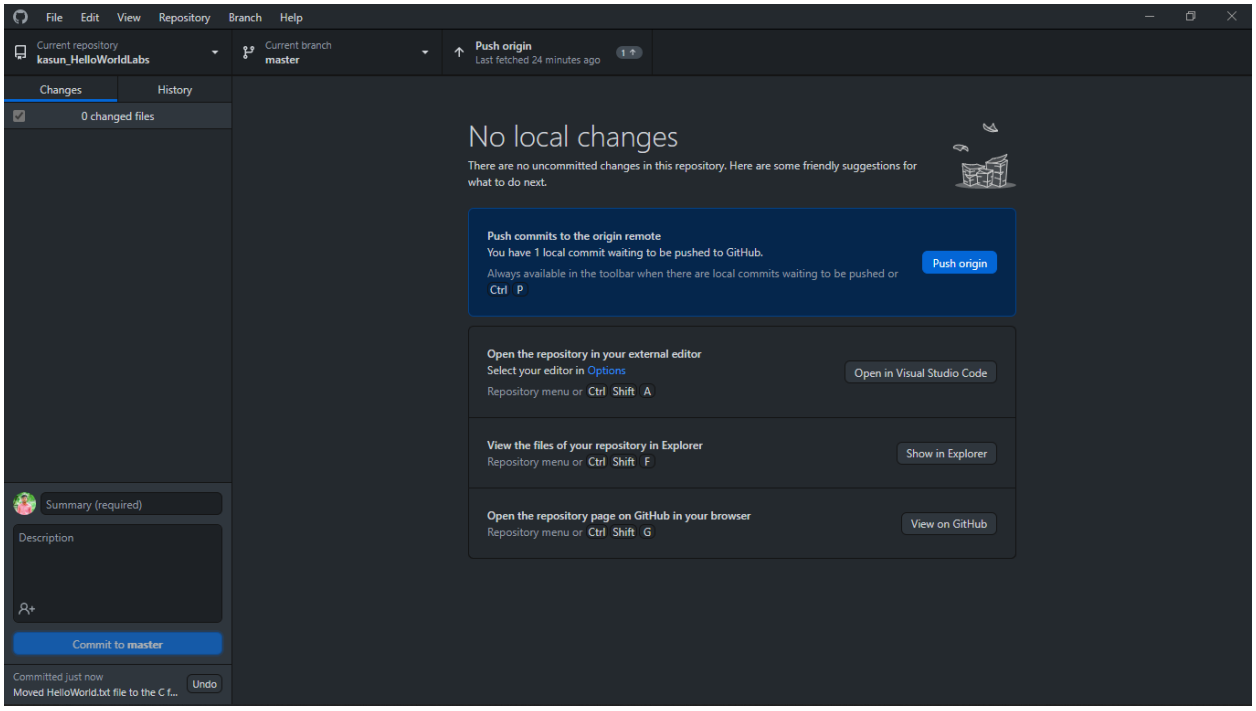
Step 2 : Managing the repository

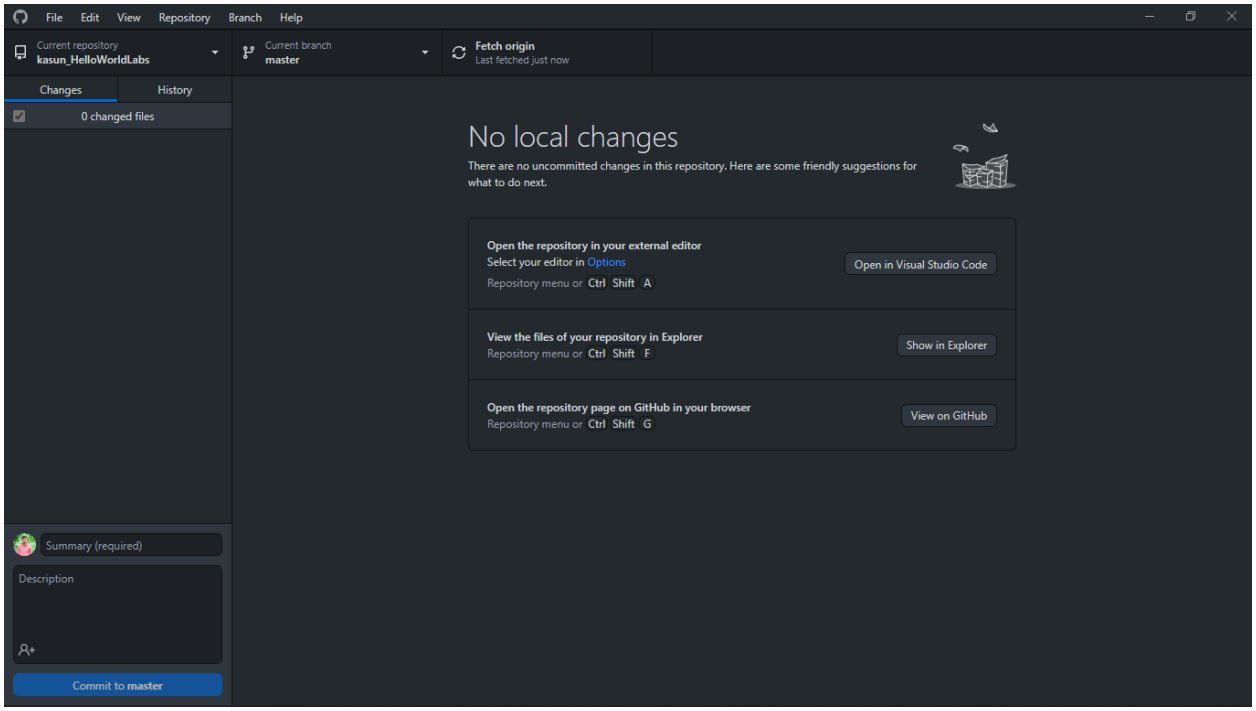


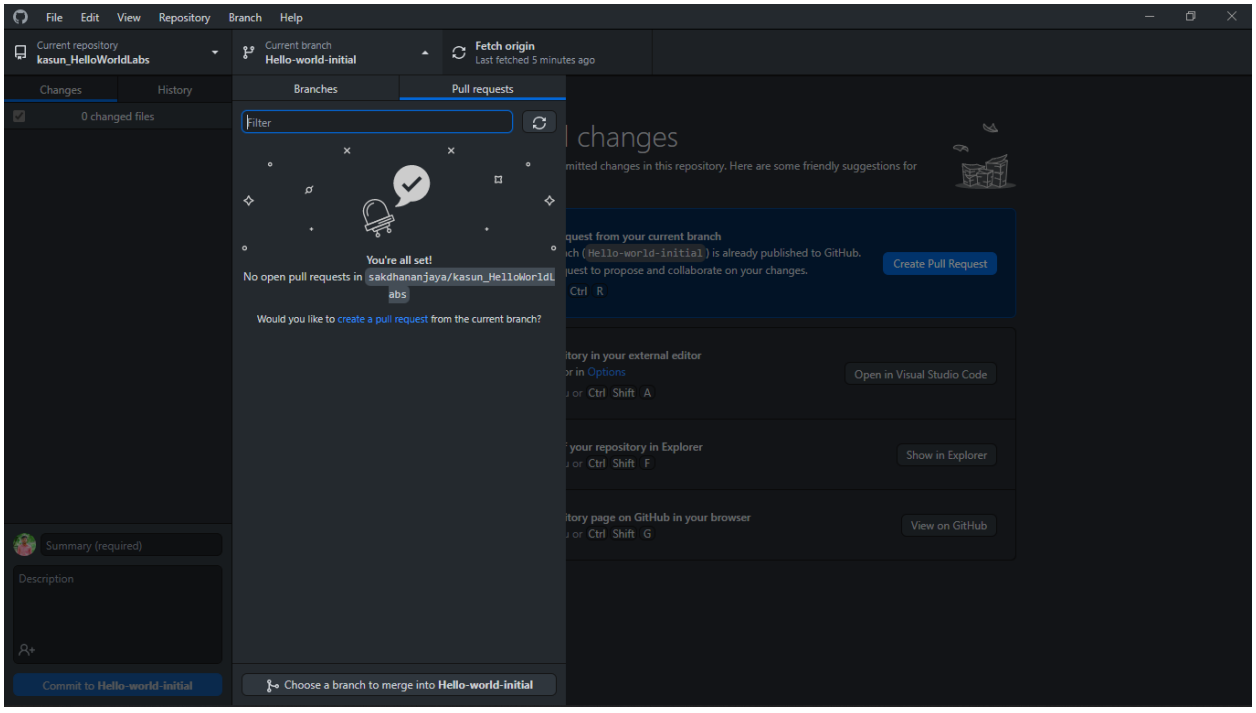

File Edit View Repository Branch Help
Current repository
kasun_HelloWorldLabs
Cloning kasun_HelloWorldLabs
Cloning into 'C:\Users\Danajaya\Documents\GitHub\kasun_HelloWorldLabs'...


File Edit View Repository Branch Help
Current repository
kasun_HelloWorldLabs
Current branch
master
Fetch origin
Last fetched 16 minutes ago
Changes 2
History
2 changed files
Hello world\verilo...\HelloWorld.txt
HelloWorld.txt
Hello world\verilog\c\HelloWorld.txt
@@ -0,0 +1,2 @@
+Hello world!!!
+This is my new project
Summary (required)
Description
Commit to master

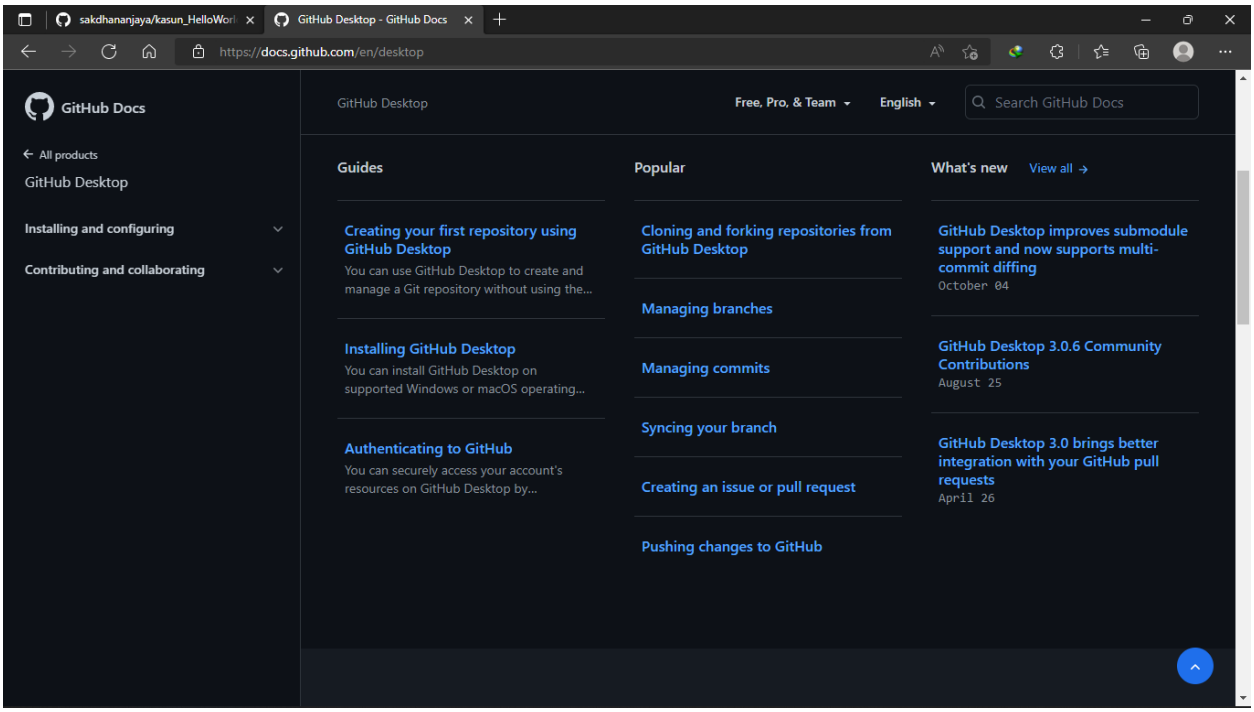

File Edit View Repository Branch Help
Current repository
kasun_HelloWorldLabs
Current branch
master
Fetch origin
Last fetched 21 minutes ago
Changes 5
History
5 changed files
Hello world\verilog\bit\abc.txt.txt
Hello world\verilo...\HelloWorld.txt
Hello world\verilog\doc\pqr.txt
Hello world\verilog\test\test11.txt
HelloWorld.txt
Hello world\verilog\c\HelloWorld.txt
@@ -0,0 +1,2 @@
1 +Hello world!!!
2 +This is my new project
Summary (required)
Description
Commit to master


File Edit View Repository Branch Help
Current repository
kasun_HelloWorldLabs
Current branch
master
Push origin
Last fetched 24 minutes ago
1 ↑
Changes
History
0 changed files
No local changes
There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.
Push commits to the origin remote
You have 1 local commit waiting to be pushed to GitHub.
Always available in the toolbar when there are local commits waiting to be pushed or Ctrl P
Push origin
Open the repository in your external editor
Select your editor in Options
Repository menu or Ctrl Shift A
Open in Visual Studio Code
View the files of your repository in Explorer
Repository menu or Ctrl Shift F
Show in Explorer
Open the repository page on GitHub in your browser
Repository menu or Ctrl Shift G
View on GitHub
Summary (required)
Description
Commit to master
Committed just now
Moved HelloWorld.txt file to the C f...
Undo


File Edit View Repository Branch Help
Current repository
kasun_HelloWorldLabs
Current branch
master
Fetch origin
Last fetched just now
Changes
History
0 changed files
No local changes
There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.
Open the repository in your external editor
Select your editor in Options
Repository menu or Ctrl Shift A
Open in Visual Studio Code
View the files of your repository in Explorer
Repository menu or Ctrl Shift F
Show in Explorer
Open the repository page on GitHub in your browser
Repository menu or Ctrl Shift G
View on GitHub
Summary (required)
Description
Commit to master

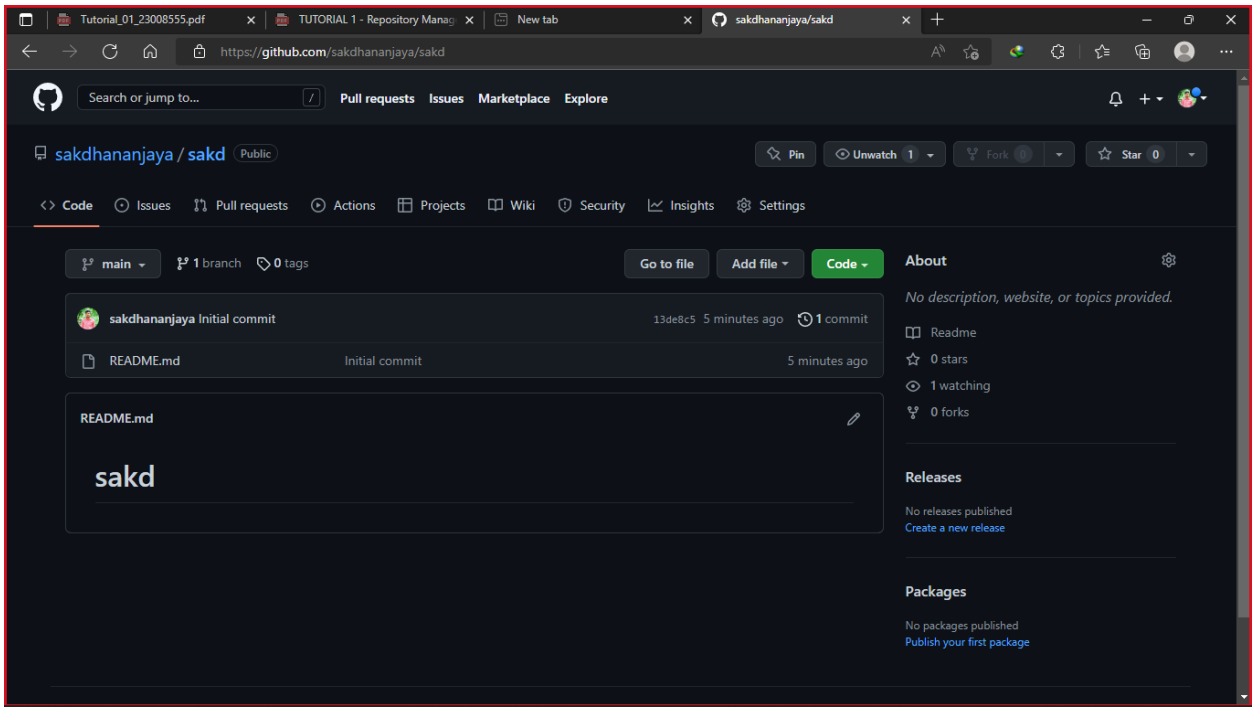

File Edit View Repository Branch Help
Current repository
kasun_HelloWorldLabs
Current branch
Hello-world-initial
Fetch origin
Last fetched 5 minutes ago
Changes
History
Branches
Pull requests
0 changed files
Filter
You're all set!
No open pull requests in sakdhananjaya/kasun_HelloWorldLabs
Would you like to create a pull request from the current branch?
changes
mitted changes in this repository. Here are some friendly suggestions for
quest from your current branch
ch (Hello-world-initial) is already published to GitHub.
uest to propose and collaborate on your changes.
Create Pull Request
Ctrl R
tory in your external editor
r in Options
Open in Visual Studio Code
Ctrl Shift A
your repository in Explorer
Ctrl Shift F
Show in Explorer
tory page on GitHub in your browser
Ctrl Shift G
View on GitHub
Summary (required)
Description
Commit to Hello-world-initial
Choose a branch to merge into Hello-world-initial

Step 3 : Familiar yourself with Github desktop

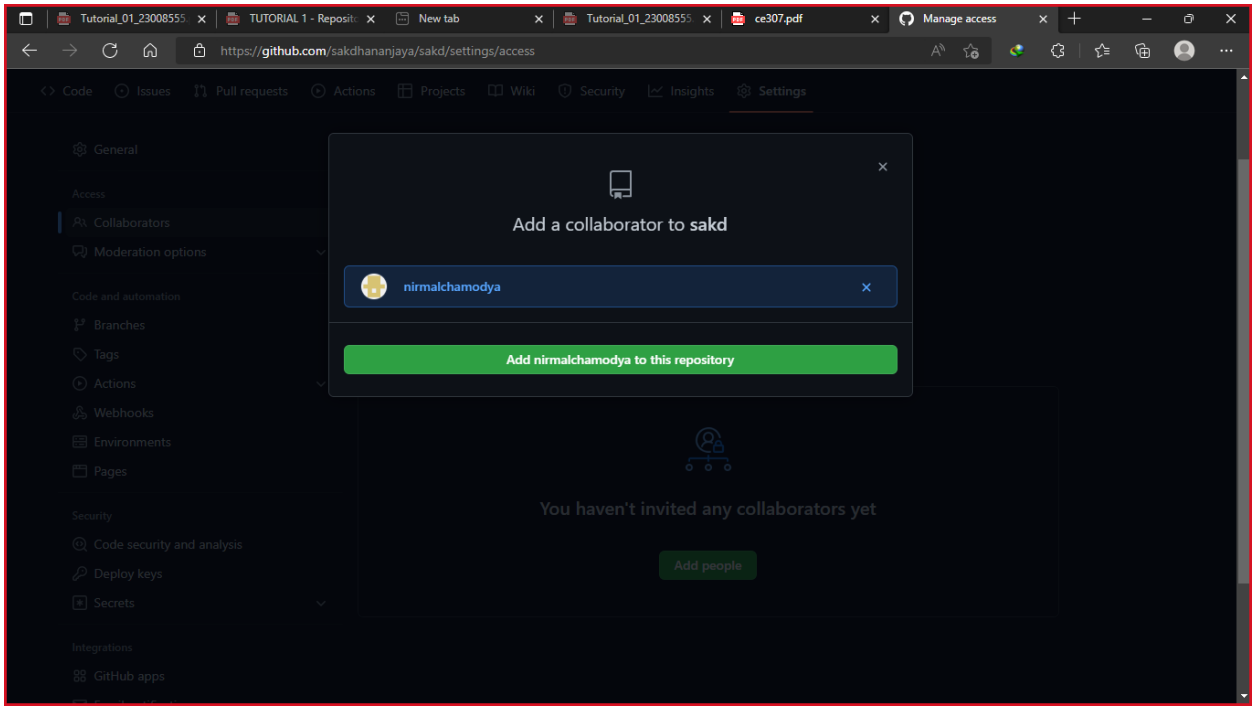


1.3 COLLABORATION

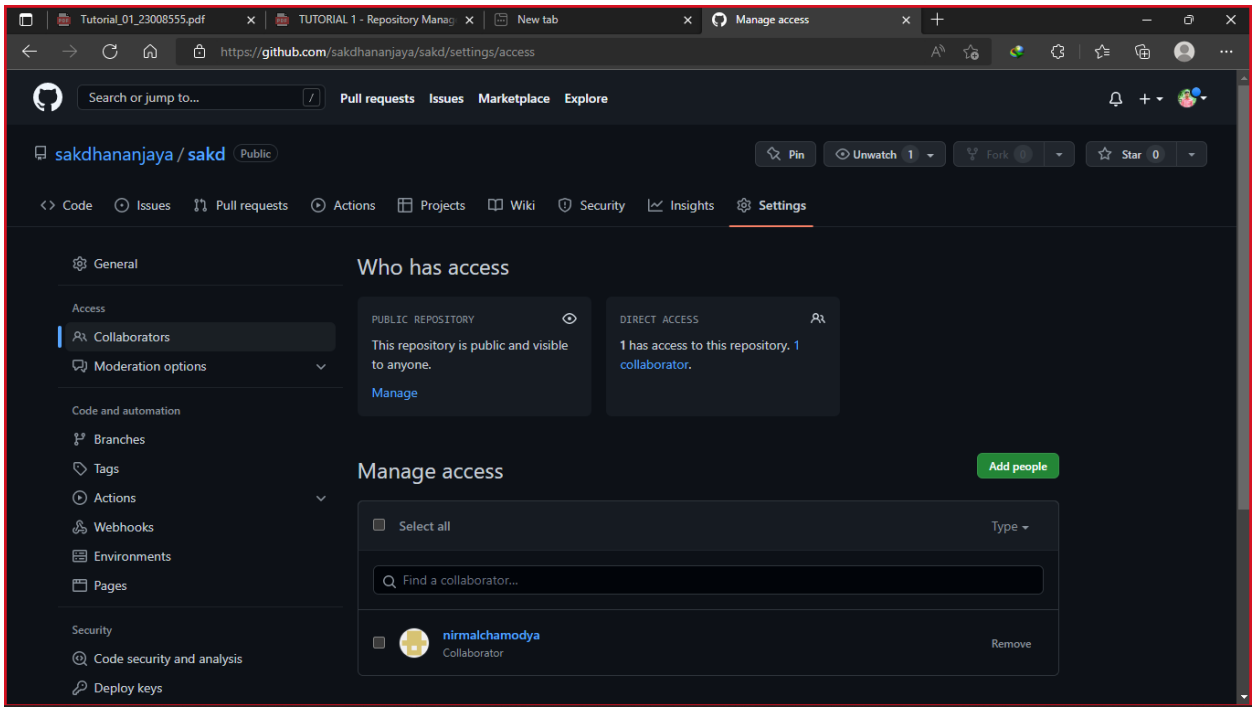
Step 1: Creation of new repository

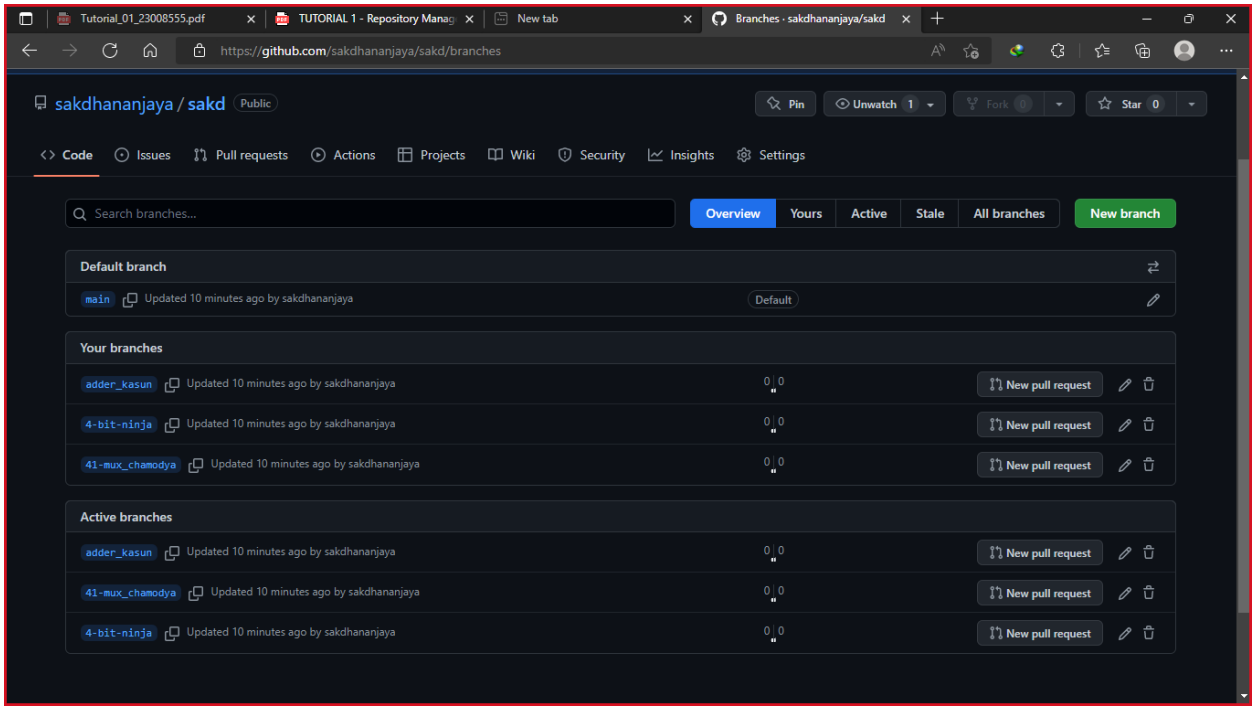


Step 2: Collaboration

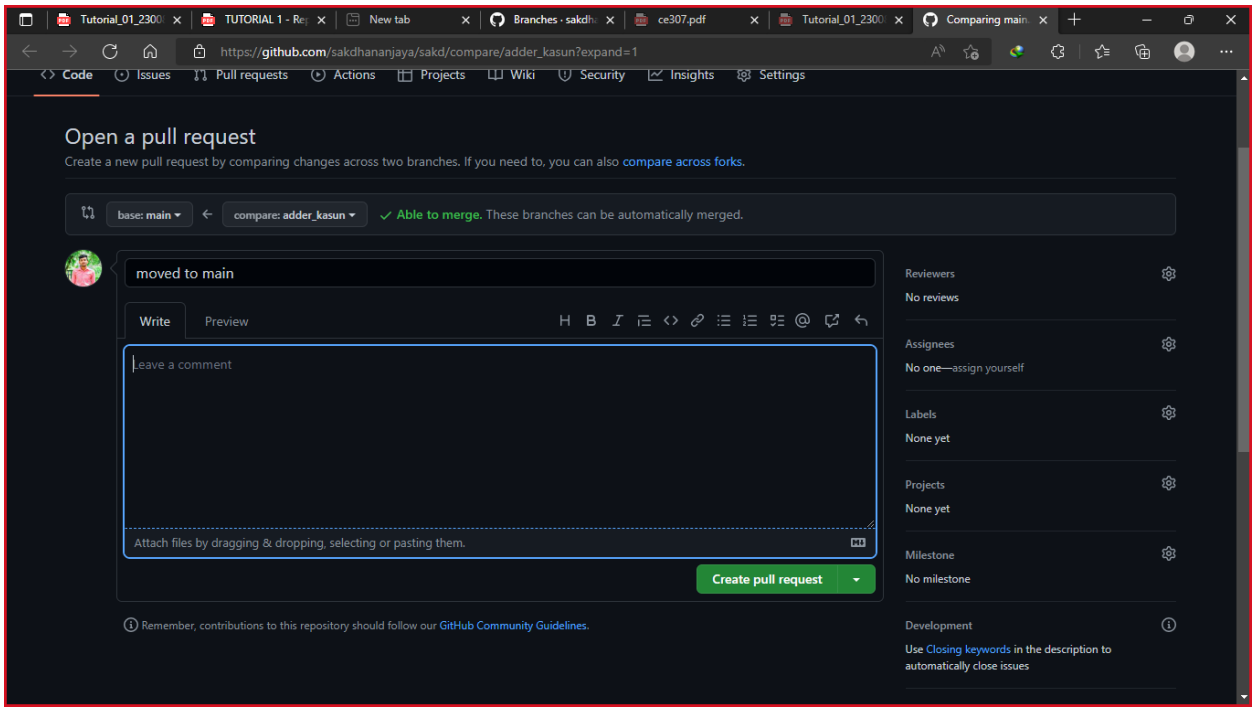


Step 3: Project setup





STEP 04:

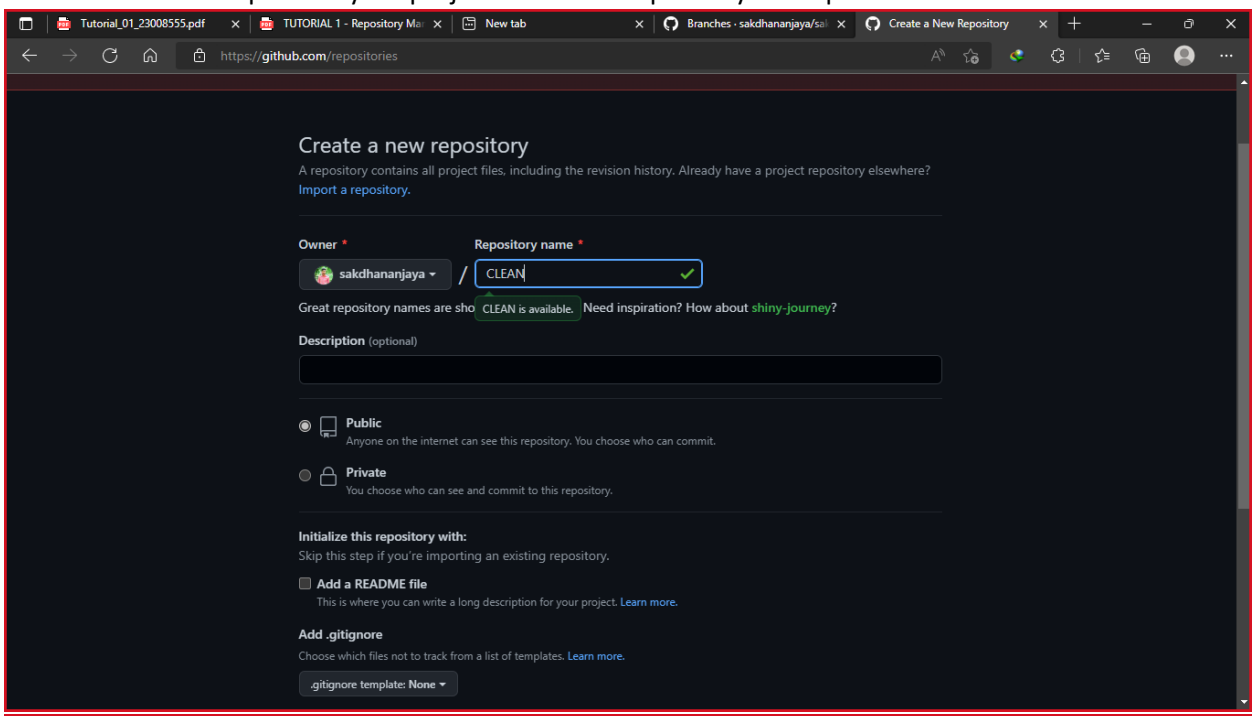

https://github.com/sakdhananjaya/sakd/compare/adder_kasun?expand=1
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Open a pull request
Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.
base: main
compare: adder_kasun
Able to merge. These branches can be automatically merged.
moved to main
Write
Preview
Leave a comment
Attach files by dragging & dropping, selecting or pasting them.
Create pull request
Remember, contributions to this repository should follow our GitHub Community Guidelines.
Reviewers
No reviews
Assignees
No one—assign yourself
Labels
None yet
Projects
None yet
Milestone
No milestone
Development
Use Closing keywords in the description to automatically close issues

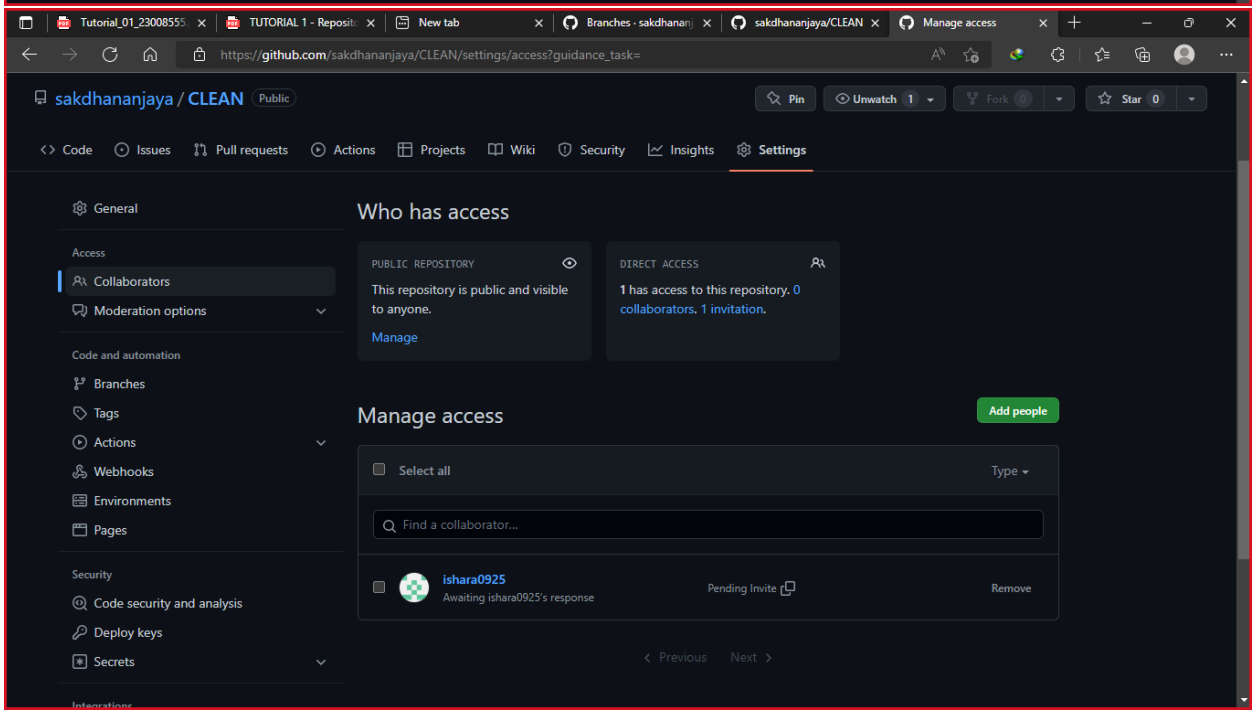
1.4 TASKS

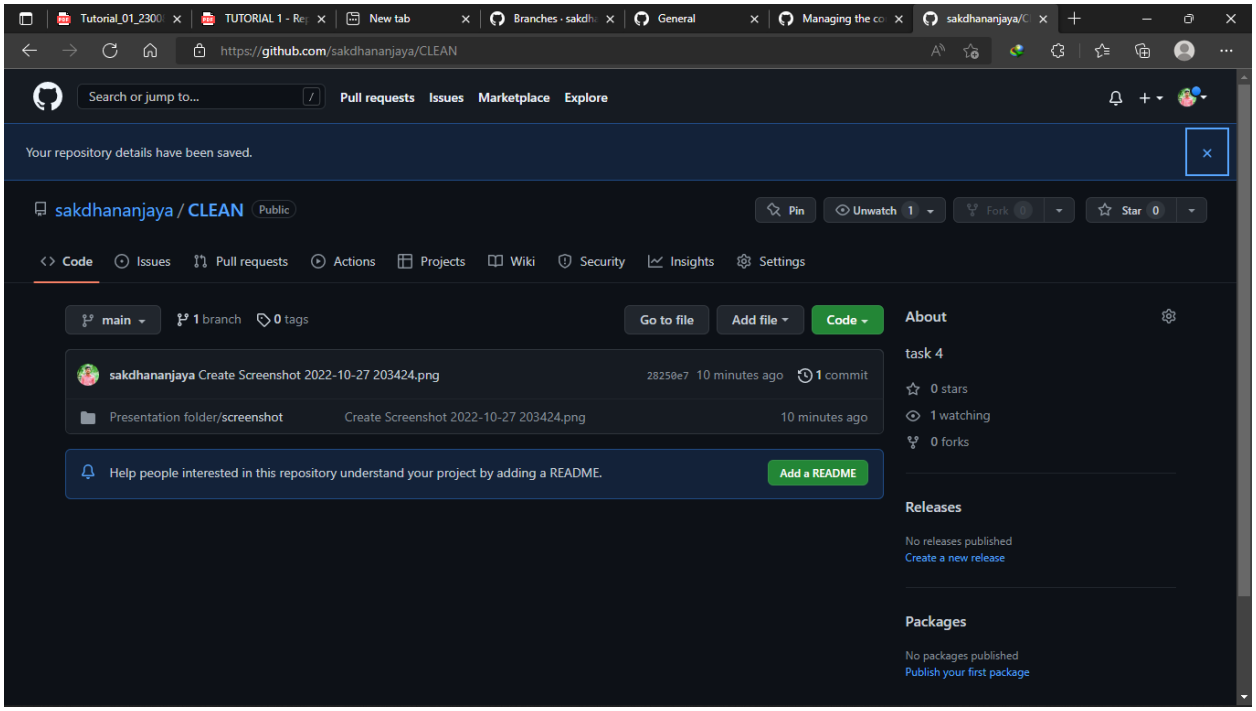
1.Add “ishara0925” as a collaborator to your CLEAN project repository. This repository is the one you are going to use for your project.

2.Add screen shots of the repository folder structure to your project presentation. Project presentation should be present inside the presentation folder in your project folder.

3. Add a short description of your project under the repository description






https://github.com/sakdhananjaya/CLEAN
Search or jump to...
Pull requests
Issues
Marketplace
Explore
Your repository details have been saved.
sakdhananjaya / CLEAN
Public
Pin
Unwatch 1
Fork 0
Star 0
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
main
1 branch
0 tags
Go to file
Add file
Code
sakdhananjaya Create Screenshot 2022-10-27 203424.png
28250e7 10 minutes ago
1 commit
Presentation folder/screenshot
Create Screenshot 2022-10-27 203424.png
10 minutes ago
Help people interested in this repository understand your project by adding a README.
Add a README
About
task 4
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package