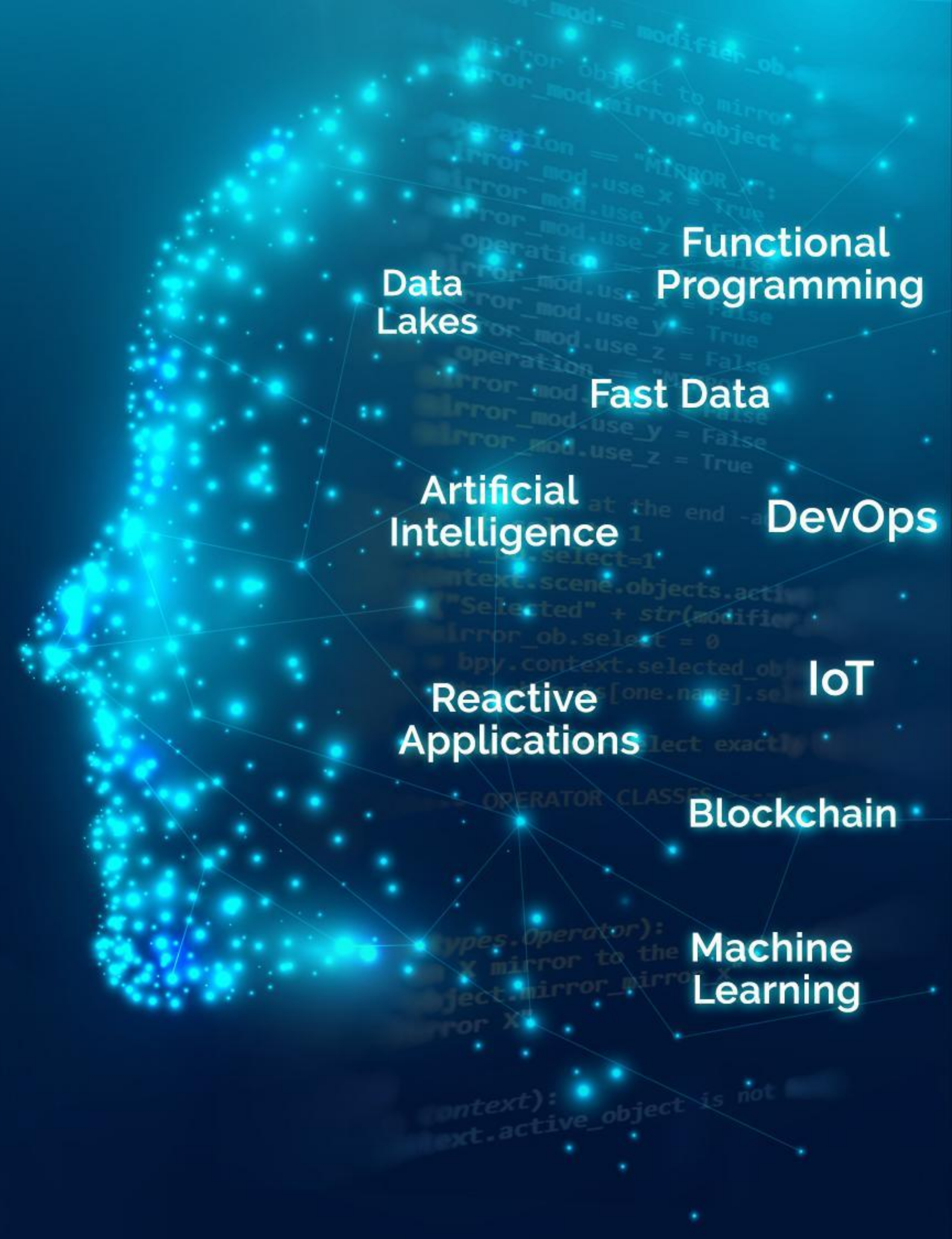
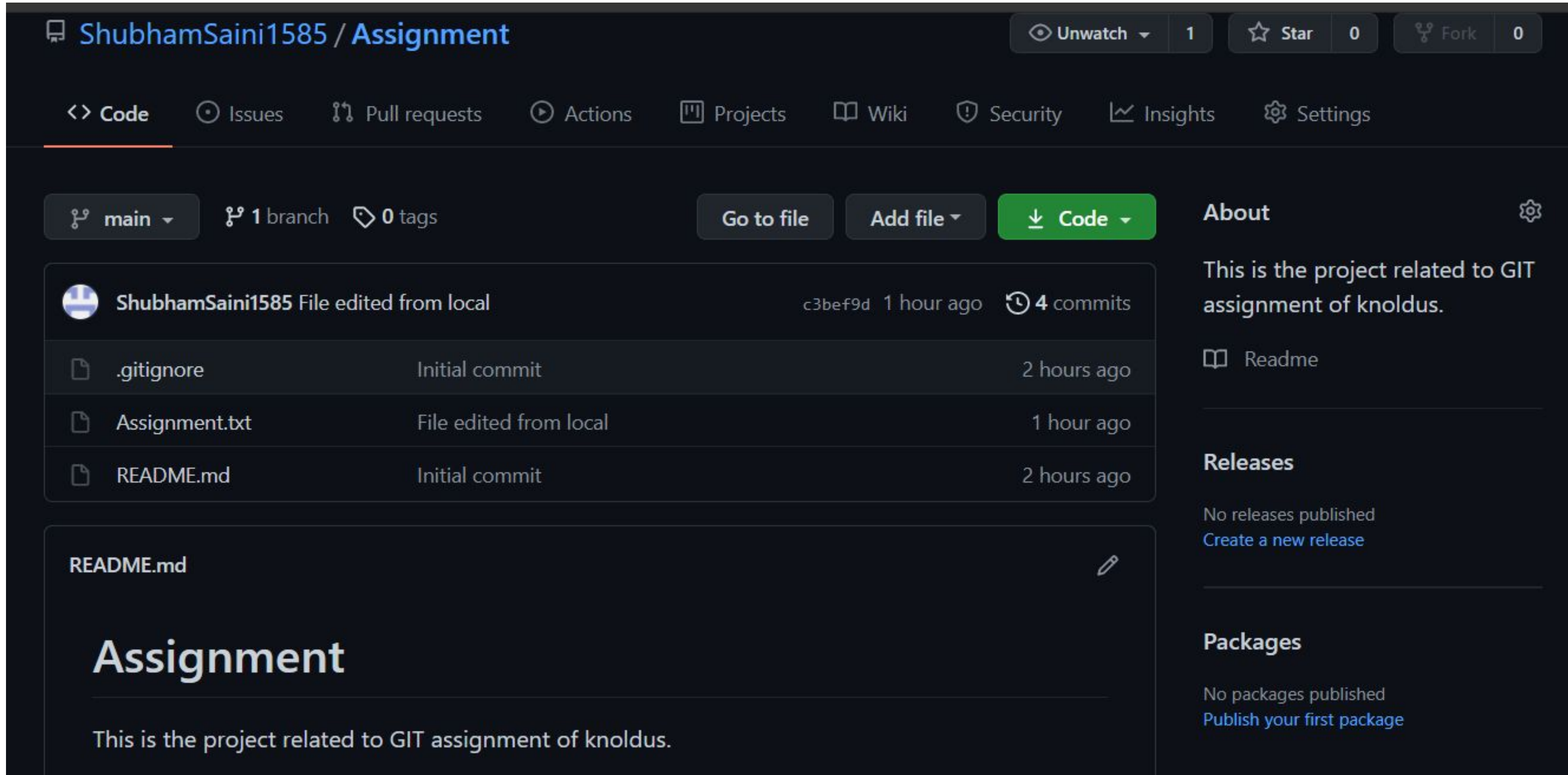


GIT – REVERT

Presented By: Shubham Saini



Task - 1



The screenshot shows a GitHub repository page for 'ShubhamSaini1585 / Assignment'. The repository has 1 watch, 0 stars, and 0 forks. The 'Code' tab is selected, showing the file list and the README.md content. The file list includes .gitignore, Assignment.txt, and README.md. The README.md content is 'Assignment' followed by 'This is the project related to GIT assignment of knoldus.' The right sidebar shows the 'About' section with the description 'This is the project related to GIT assignment of knoldus.', a 'Readme' link, and sections for 'Releases' and 'Packages'.

ShubhamSaini1585 / Assignment

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

ShubhamSaini1585 File edited from local c3bef9d 1 hour ago 4 commits

File	Commit	Time
.gitignore	Initial commit	2 hours ago
Assignment.txt	File edited from local	1 hour ago
README.md	Initial commit	2 hours ago

README.md

Assignment

This is the project related to GIT assignment of knoldus.

About

This is the project related to GIT assignment of knoldus.

Readme

Releases

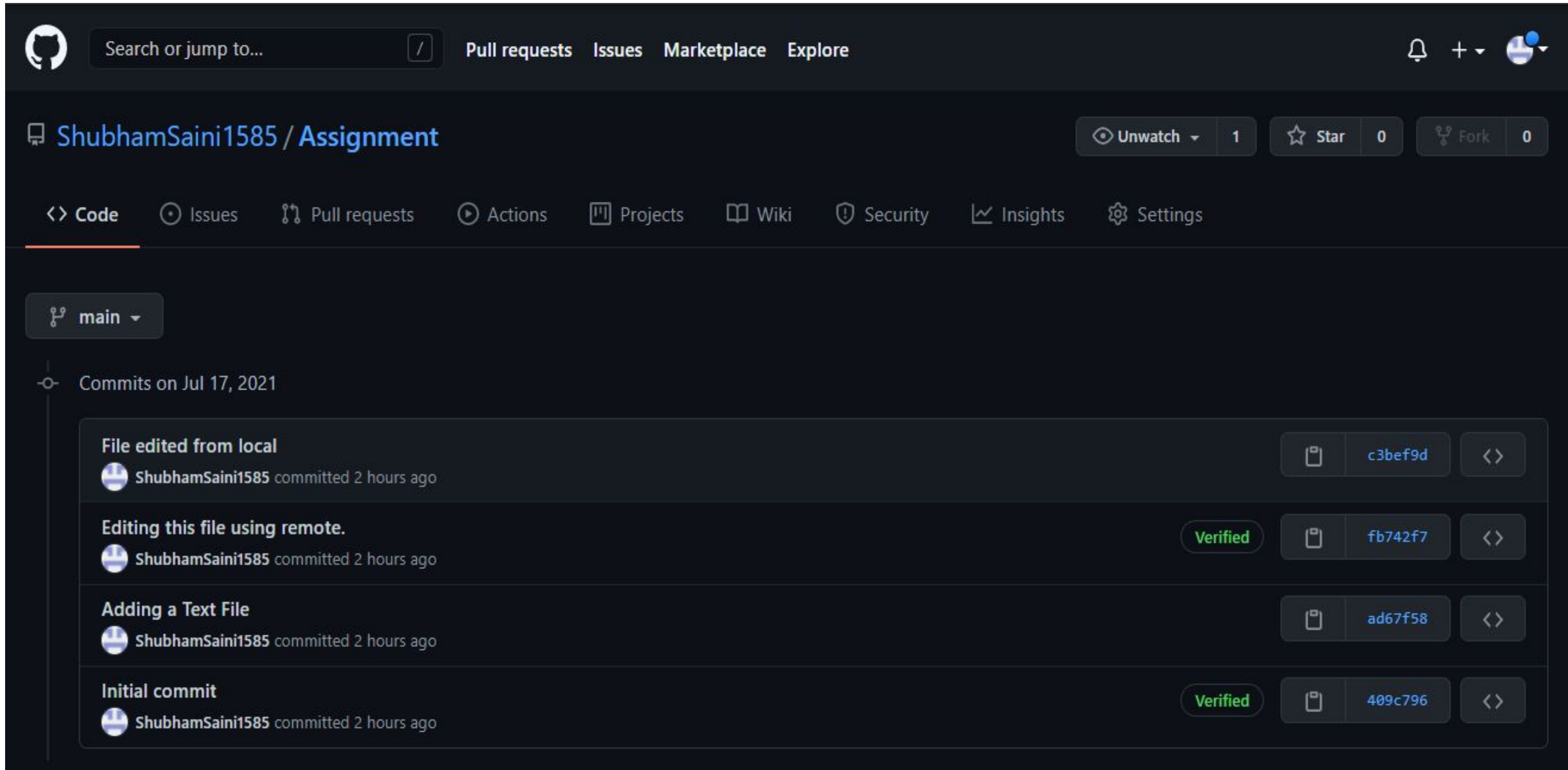
No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Created & collaborated on a new empty repository on GitHub.

Task - 2



The screenshot shows the GitHub interface for a repository named 'ShubhamSaini1585 / Assignment'. The repository has 1 watch, 0 stars, and 0 forks. The 'main' branch is selected. The commit history for July 17, 2021, is displayed, showing four commits by ShubhamSaini1585, all committed 2 hours ago. The commits are: 'File edited from local' (hash c3bef9d), 'Editing this file using remote.' (hash fb742f7, marked as Verified), 'Adding a Text File' (hash ad67f58), and 'Initial commit' (hash 409c796, marked as Verified). Each commit entry includes a file icon, the commit hash, and a code icon.

Commit Message	Author	Committed	Hash	Verified
File edited from local	ShubhamSaini1585	2 hours ago	c3bef9d	
Editing this file using remote.	ShubhamSaini1585	2 hours ago	fb742f7	Verified
Adding a Text File	ShubhamSaini1585	2 hours ago	ad67f58	
Initial commit	ShubhamSaini1585	2 hours ago	409c796	Verified

Made some commits in the repository on GitHub.

Our Agenda

Revert Command

- 01 GIT revert Introduction
- 02 GIT revert Use
- 03 GIT revert Advantages
- 04 GIT revert Commands
- 05 Conclusion

Introduction

GIT revert Command Introduction

Description

Given one or more existing commits, revert the changes that the related patches introduce, and record some new commits that record them. This requires your working tree to be clean (no modifications from the HEAD commit).

How to use?

Just pull or fetch the file. Merge the file if you have fetched it. Then just check the status of your working tree which should be clean. Then use the command with the revert ID at its end.

Why revert?

You did some changes to a file in the remote repository & due to some reason you want the file to be in the previous state, so you just have to write the command with the previous commits ID included at the end of the command & boom your file is reverted back.

Use

GIT revert Command Use

git-revert - Revert some existing commits

```
git revert <commit ID>
```

Advantages

GIT revert Advantages

Safe Method of undoing changes.

You don't have to look into the remote repository for last commit ID.

Just use the number of heads you want to revert.

Reverting single commits would be more recommended.

Commands

GIT revert commands

`git revert <commit ID> //to revert a single commit`

`git revert -n //only to review changes`

`git revert Head<latest>..Head<defected comit> //to revert multiple changes`

Conclusion

Git revert Conclusion

We can use revert command on our local system to revert changes in the remote repository & almost every time it's a life saver.
Multiple commits can be reverted back to a previous desired commit by using only a single command but sometimes it gives fatal error and makes it difficult to revert back the changes. So it is recommended that you should use single revert command though it is quite a task but you'll not run into a fatal error.

Repository Link

<https://github.com/ShubhamSaini1585/Assignment.git>

Thank You !