**LAB NO 3**

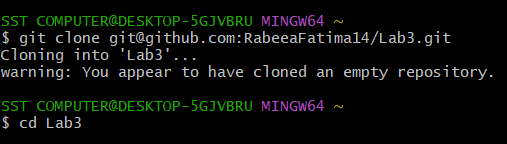
**SUBMITTED BY:**

**RABEEA FATIMA  
REGISTRATION NO: 2023-BSE-049**

**SECTION: B  
SUBJECT: CLOUD COMPUTING**

# LAB# 03

**TASK 0:**



**TASK 01:**

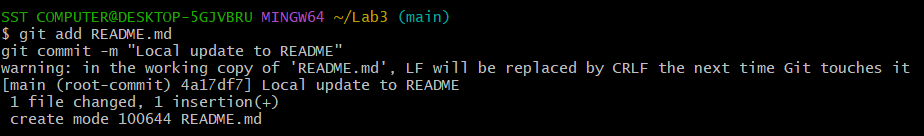
**Handling Local and Remote Commit Conflicts.**

Step 1: Remote Change

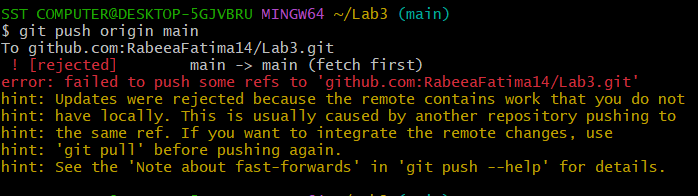


Step 2: Local Change

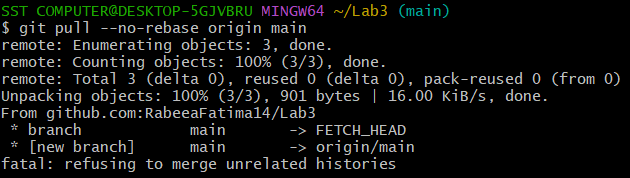


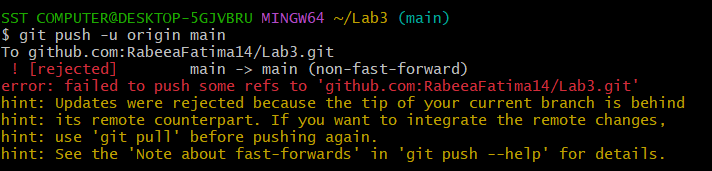


Step 3: Try to Push

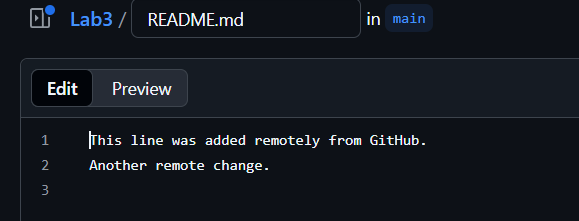


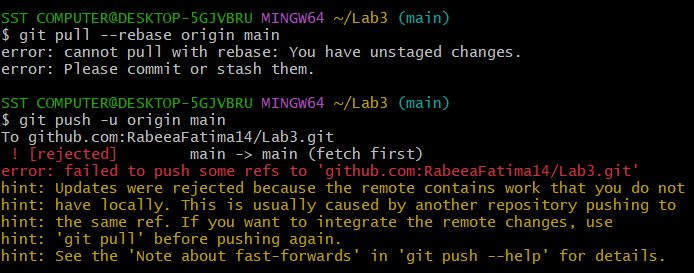
Step 4: Fix with Pull (Merge Way)





Step 5: Do It Again, but with Rebase

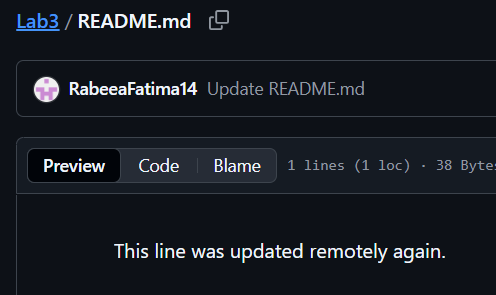




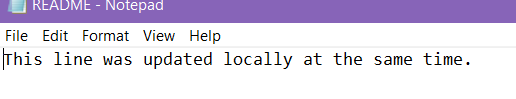
**TASK 02:**

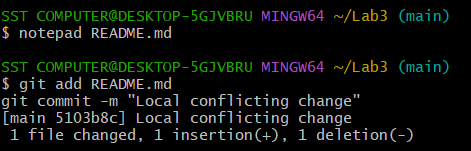
**Creating & Resolving Merge Conflicts.**

Step 1: Remote Edit

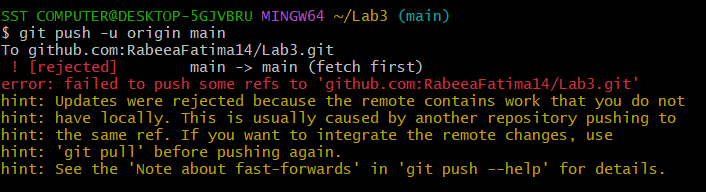


Step 2: Local Edit

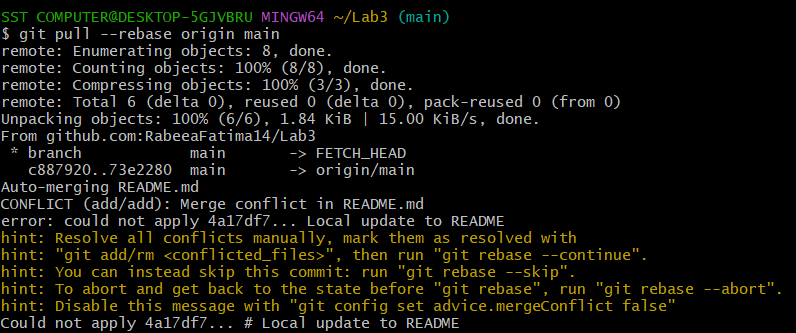




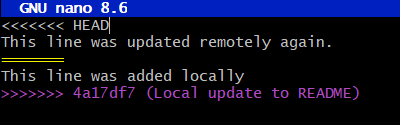
Step 3: Try to Push

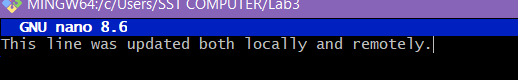


Step 4: Pull with Rebase

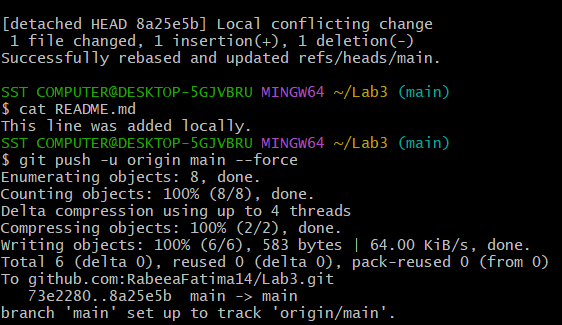


Step 5: Resolve Conflict





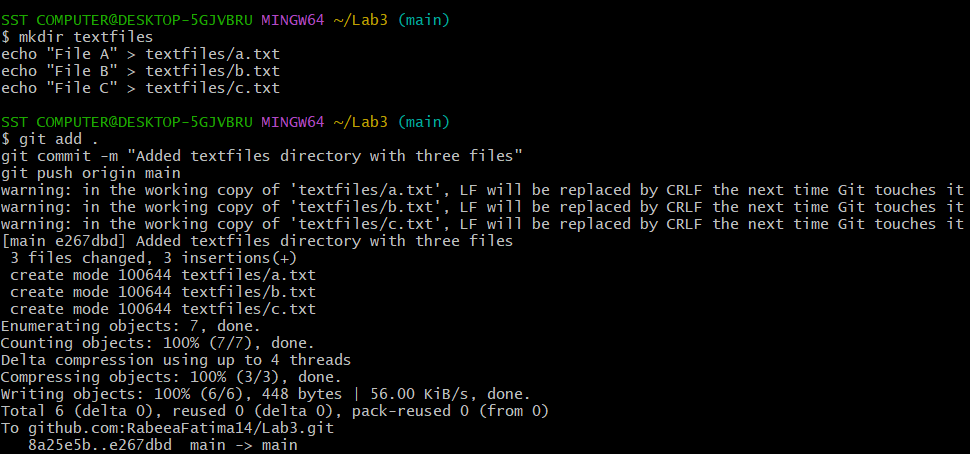
Step 6: Continue Rebase



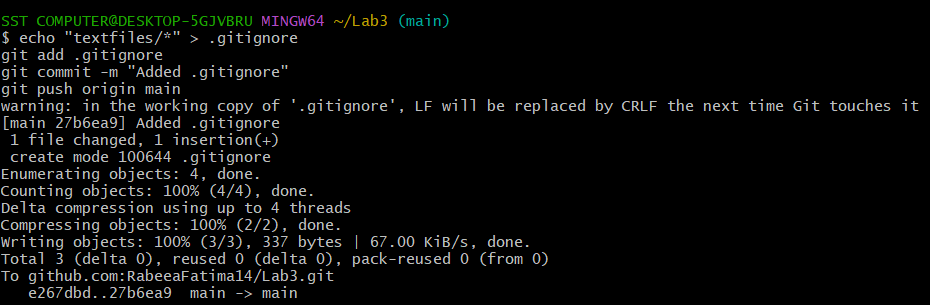
**TASK 03:**

**Managing Ignored Files.**

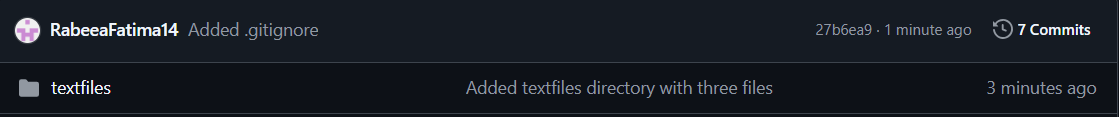
Step 1: Create a Folder and Files



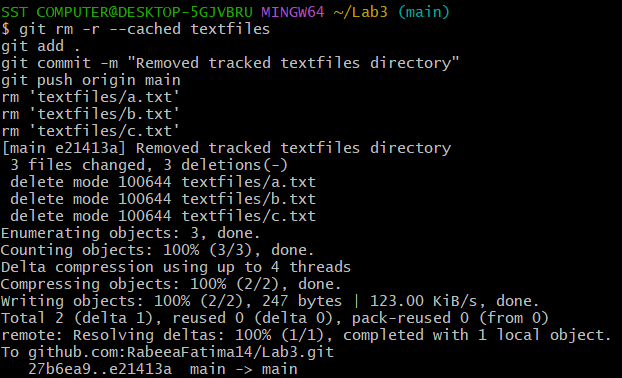
Step 2: Create .gitignore



Step 3: Check on GitHub



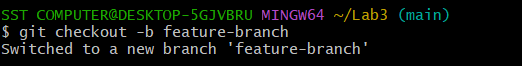
Step 4: Untrack the Folder



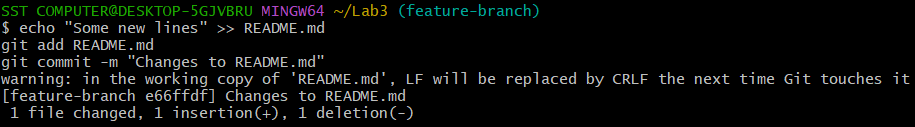
**TASK 04:**

**Create temporary changes and use Git stash.**

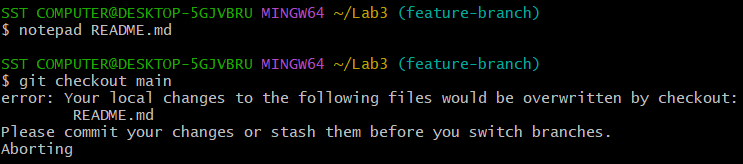
Step 1: Make a Branch



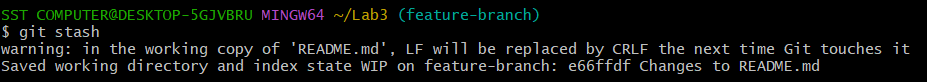
Step 2: Edit README.md, Commit

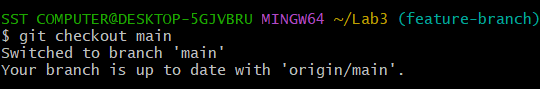


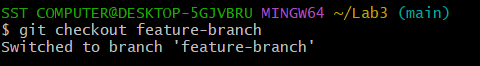
Step 3: Make Another Change (but don’t commit)



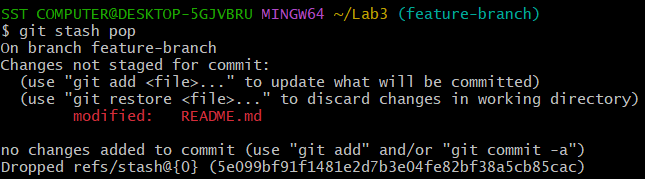
Step 4: Stash It





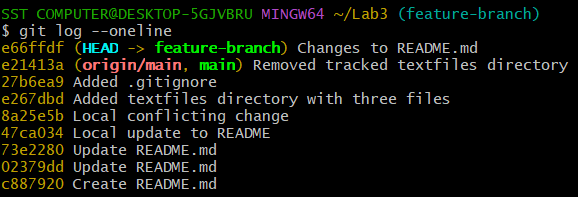


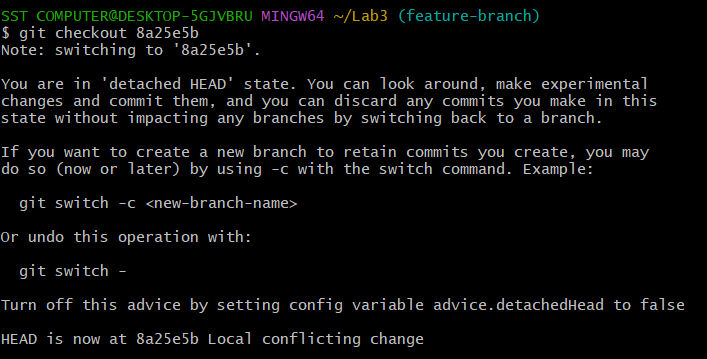
Step 5: Restore Stashed Changes

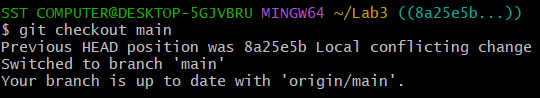


**TASK 05:**

**Check out a specific commit using Git log.**

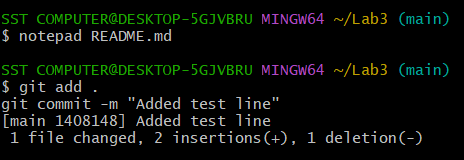


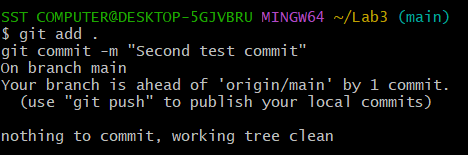


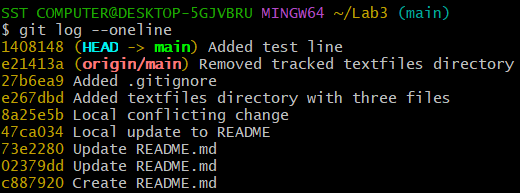


**TASK 06:**

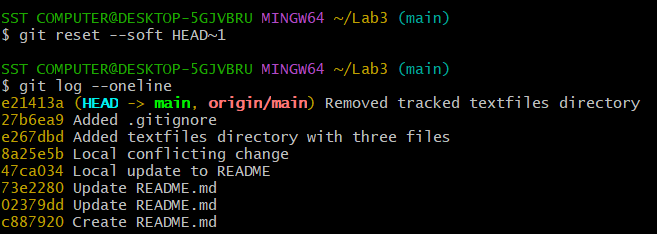
**Resetting commits (Soft vs Hard).**



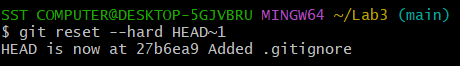




Step 1: Soft Reset

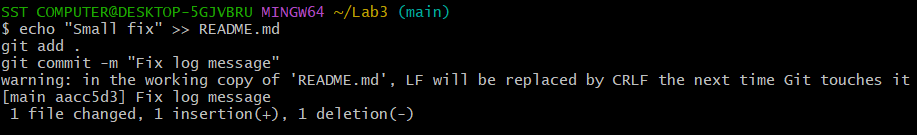


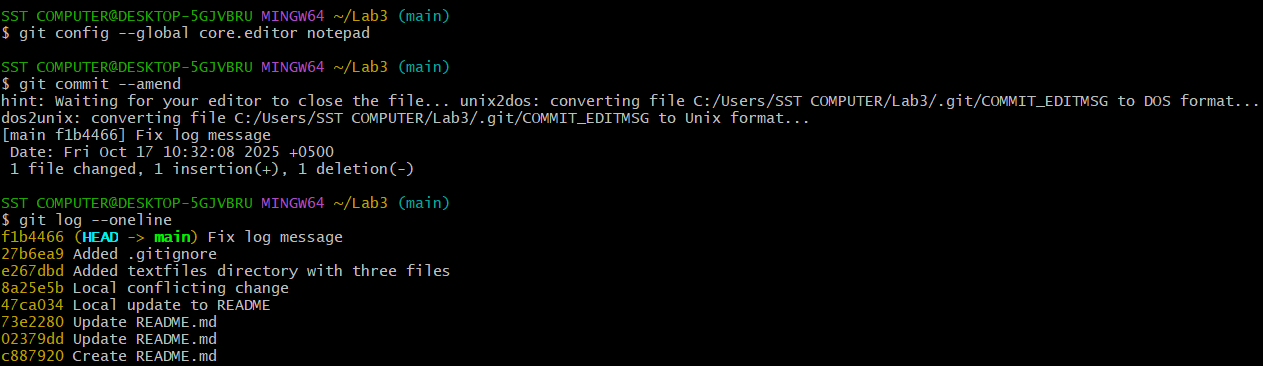
Step 2: Hard Reset



**TASK 07:**

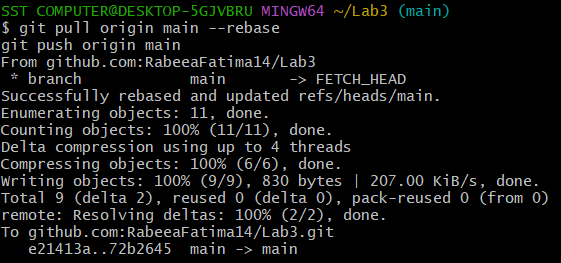
**Amending the Last Commit.**

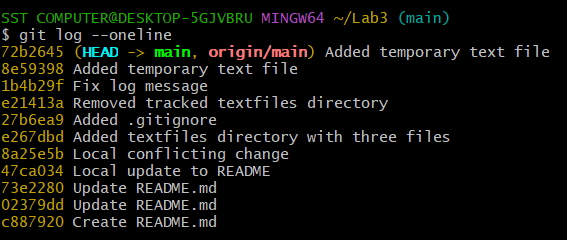


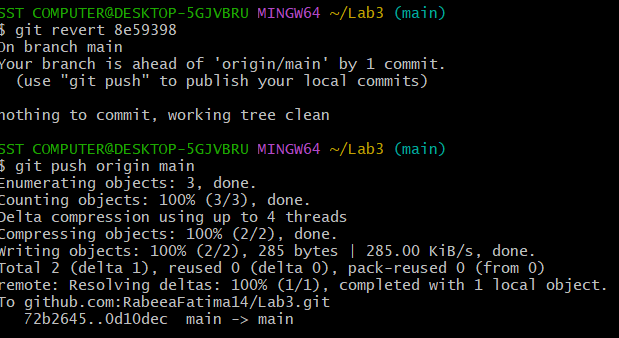


**TASK 08:**

**Reverting a Commit.**

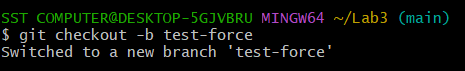


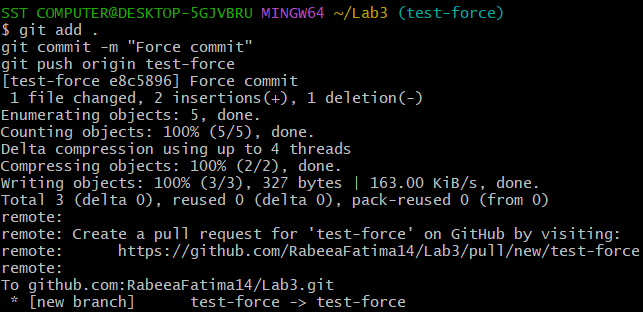


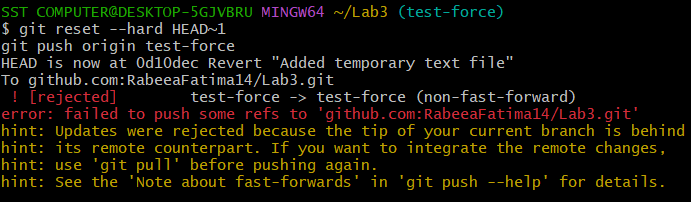


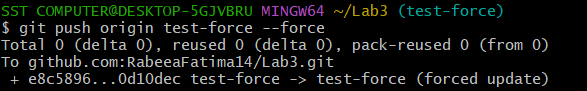
**TASK 09:**

**Force Push.**



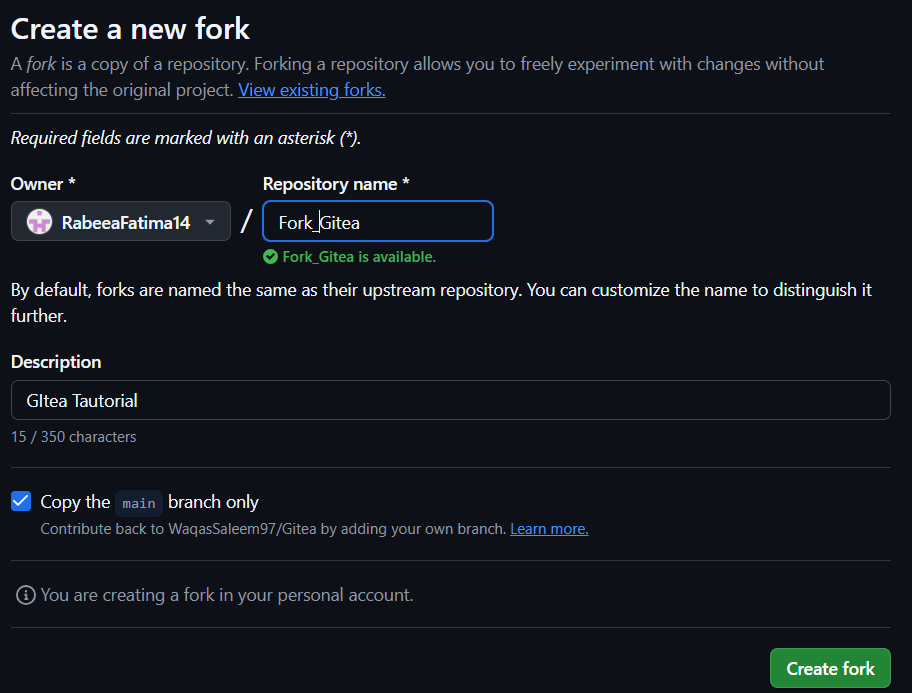


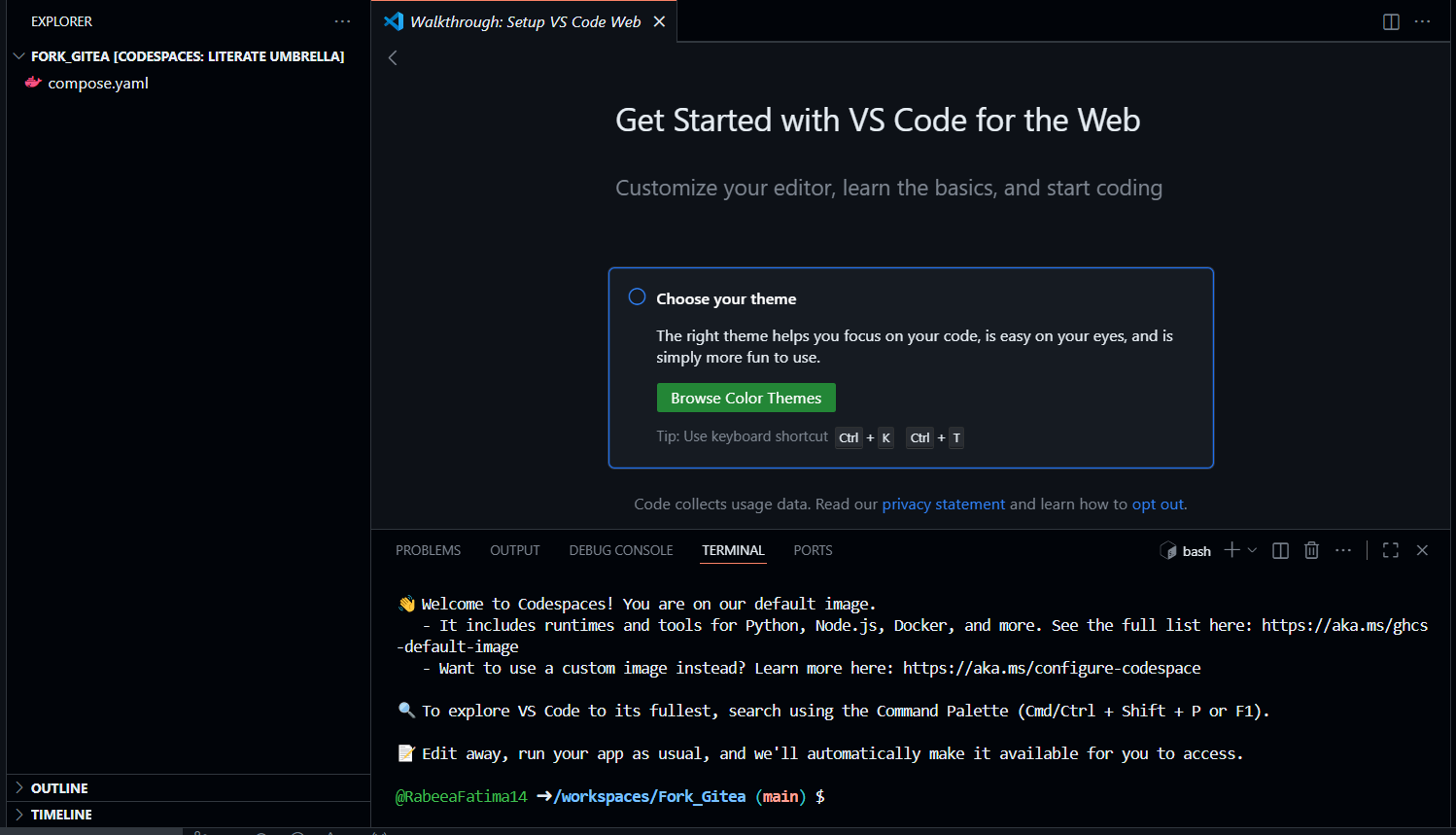


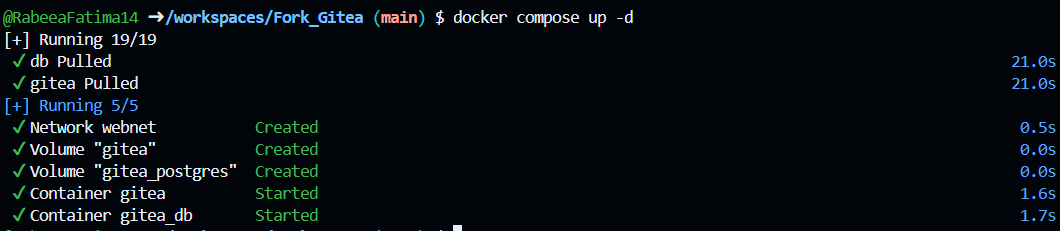


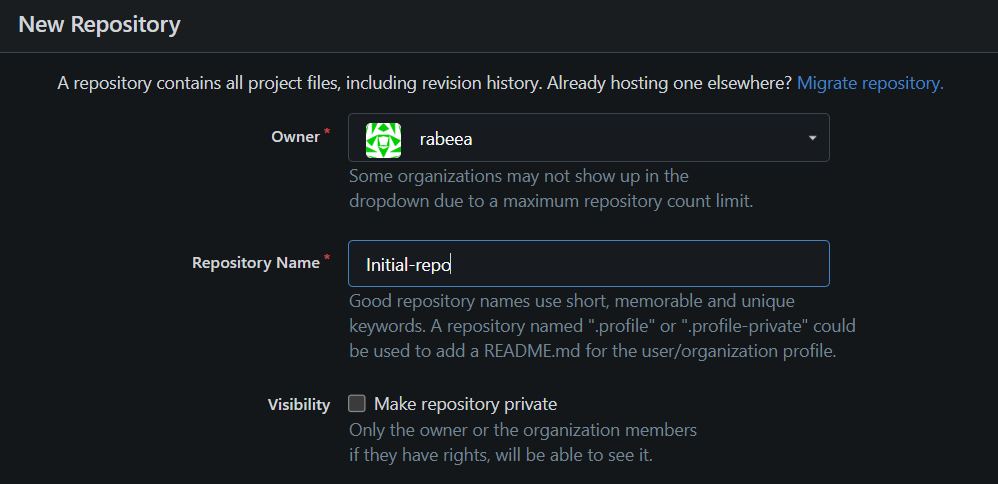
**TASK 10:**

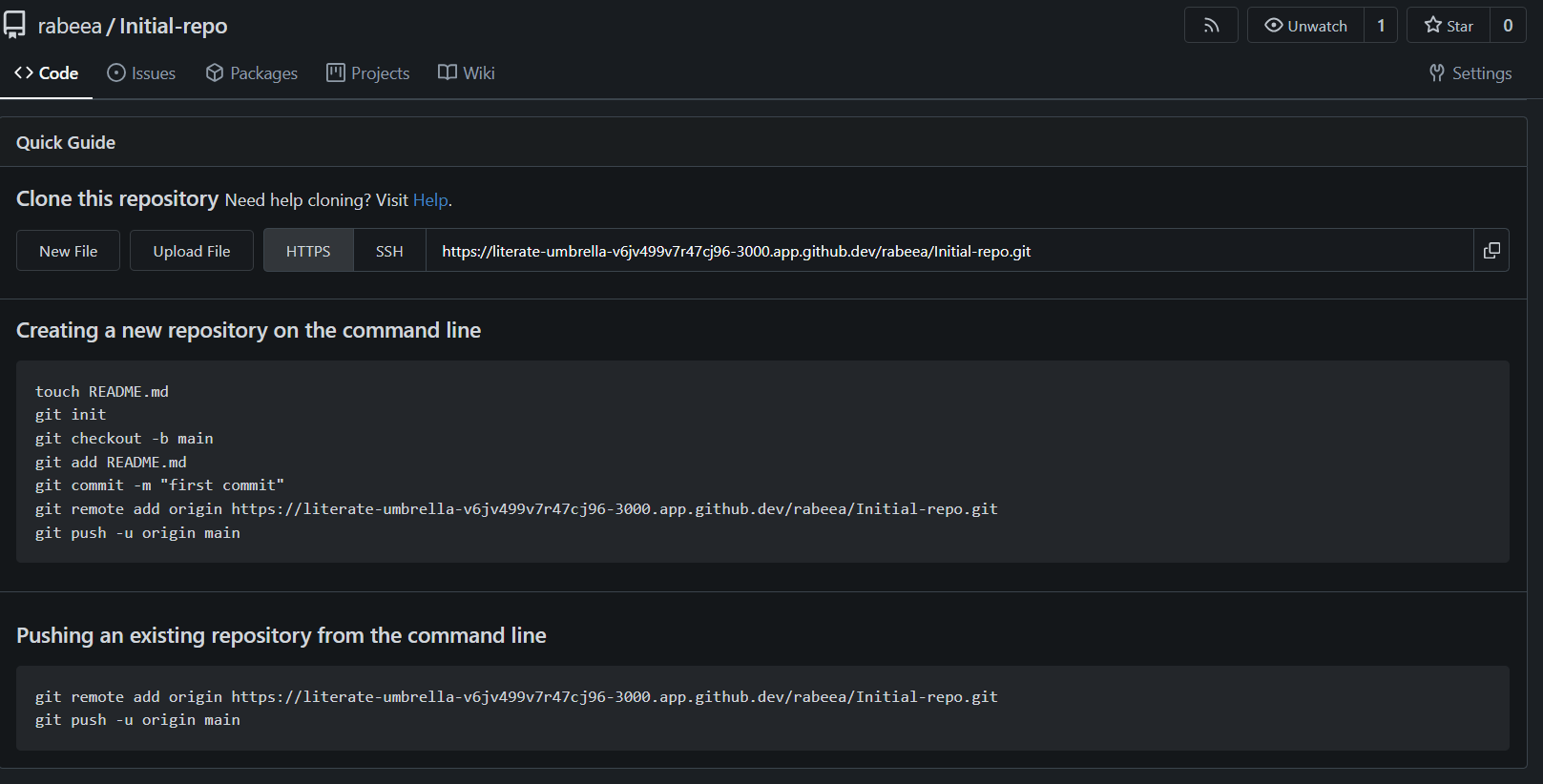
**Running Gitea in GitHub Codespace.**







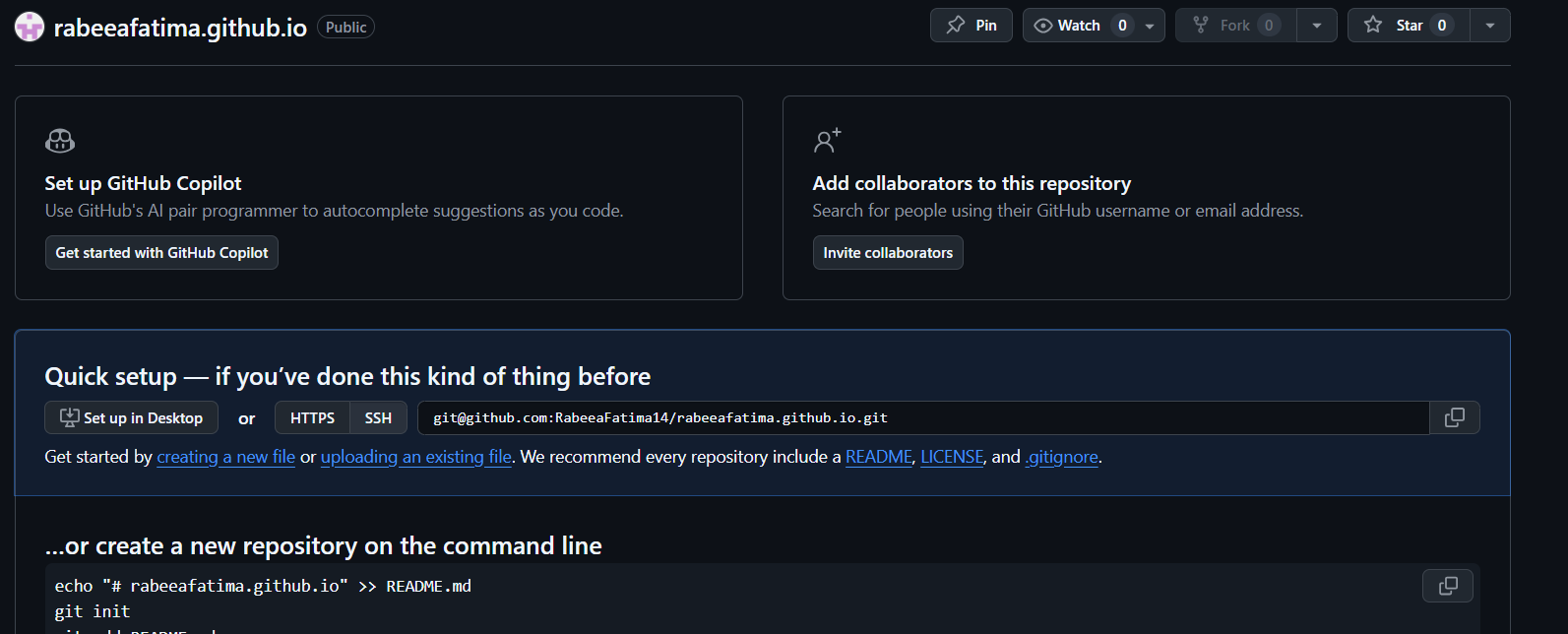




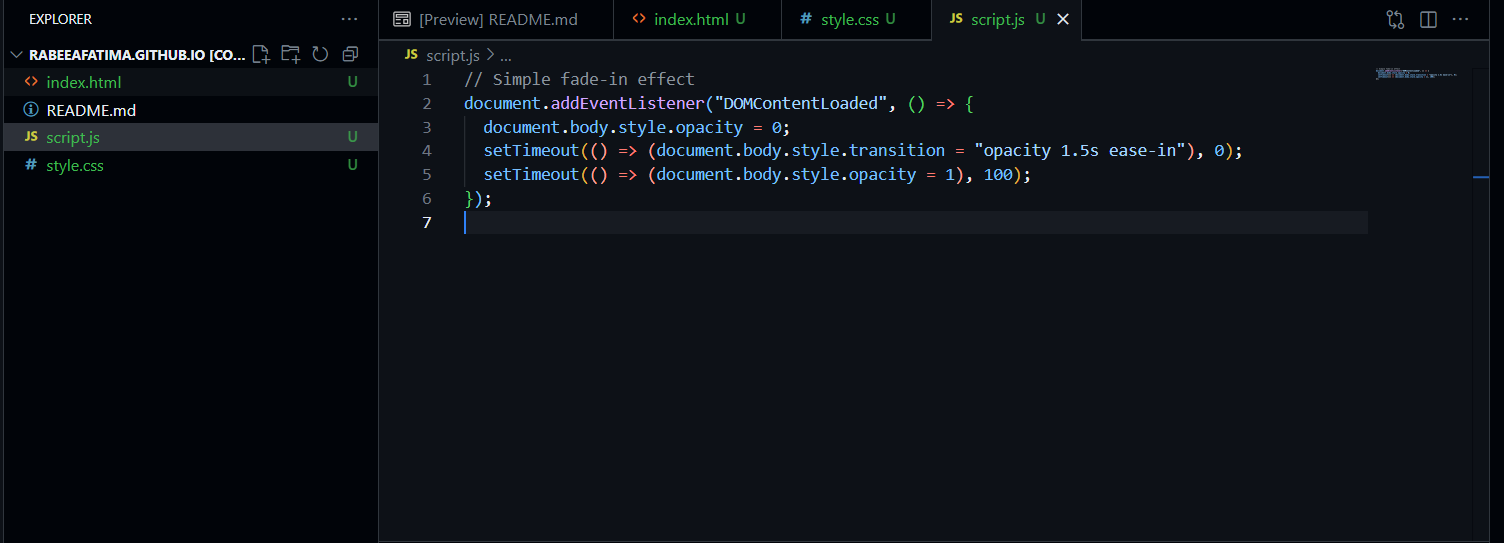
**TASK 11:**

**Creating GitHub pages portfolio site.**

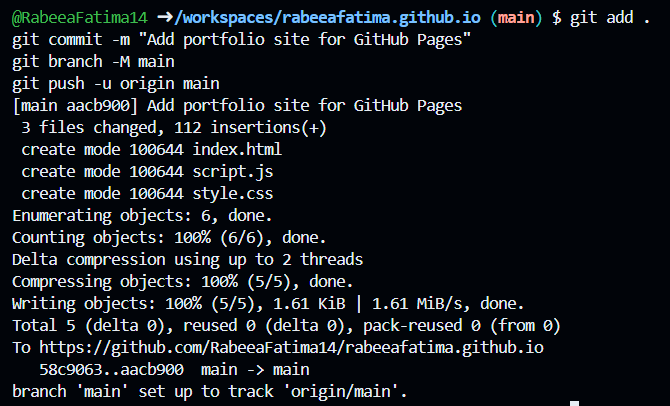
Step 1: Create a GitHub repository.



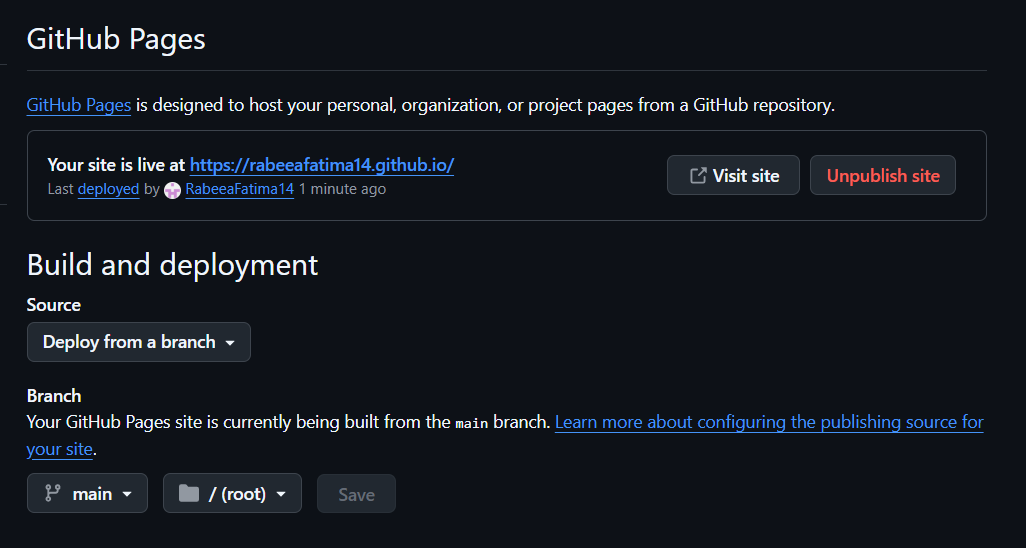
Step 2: Add static website code.



Step 3: Add static website code.



Step 4: Check GitHub pages settings.



Step 5: Link to the website.

<https://rabeeafatima14.github.io/>