

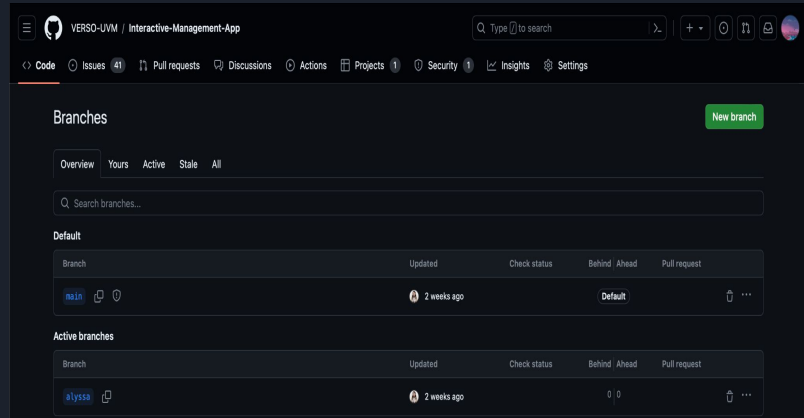
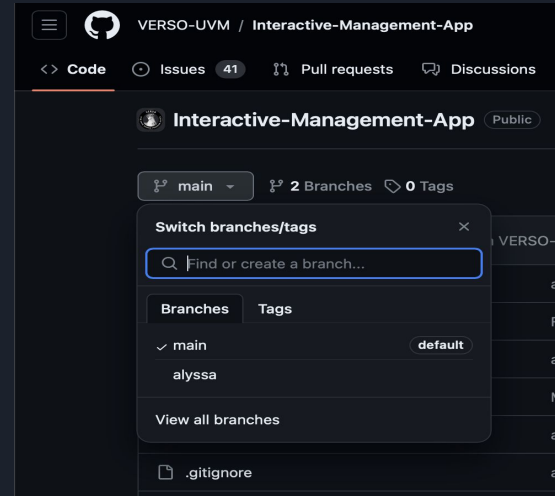


# Unix Commands + Branches + Pull Request

Refer to this for basic commands for  
creating and committing your work to  
local branch.

# Creating a local branch on github

- 1) Click on main tab, and click on view all branches
- 2) Create a new branch using the New Branch button in green in the bottom screenshot
- 3) Name it, and it should appear under the main tab as an option!



# Open the local branch in VSCode

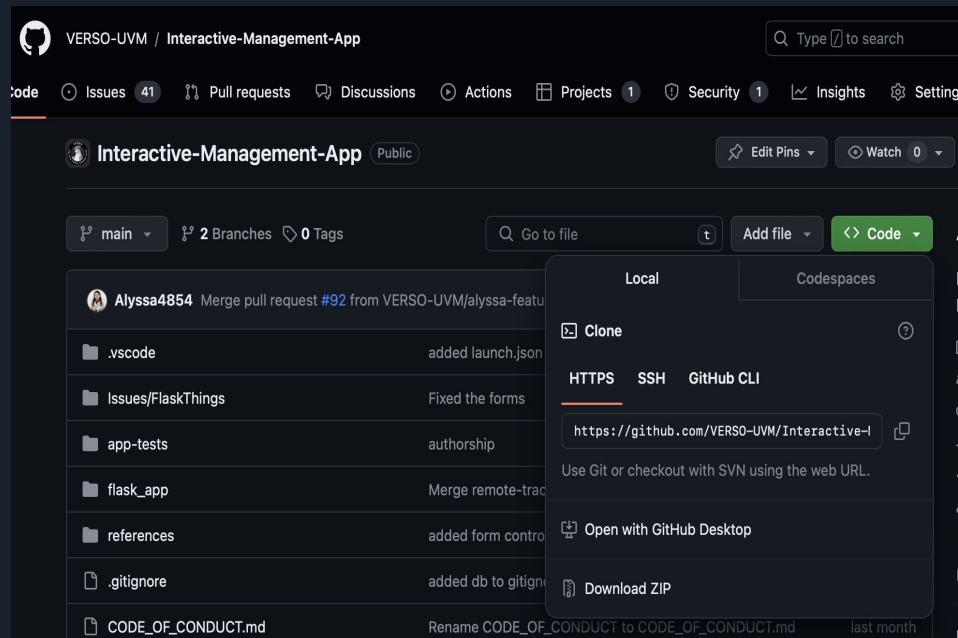
- 1) Copy the https link under the Code tab on the local repo
- 2) The name should not be main, it should be whatever you named your local branch
- 3) Open VSCode on a new window
- 4) Click on the “Clone Git Repository” option on start page
- 5) Paste link into command line!

## Visual Studio Code

Editing evolved

### Start

- New File...
- Open...
- Clone Git Repository...
- Connect to...





# Unix Commands to save code to Github

- 1) Save code to whatever location you want
- 2) Open a new terminal and navigate to folder in which the code is saved
- 3) Apply these commands every time you want to save your changes to your local branch
- 4) ALWAYS FOLLOW THIS ORDER
- 5) These are case sensitive commands and space sensitive

**git status** —> to get which branch you are on  
(should be local branch, not main)

**git add -A** —> adds all files that were changed to  
push request

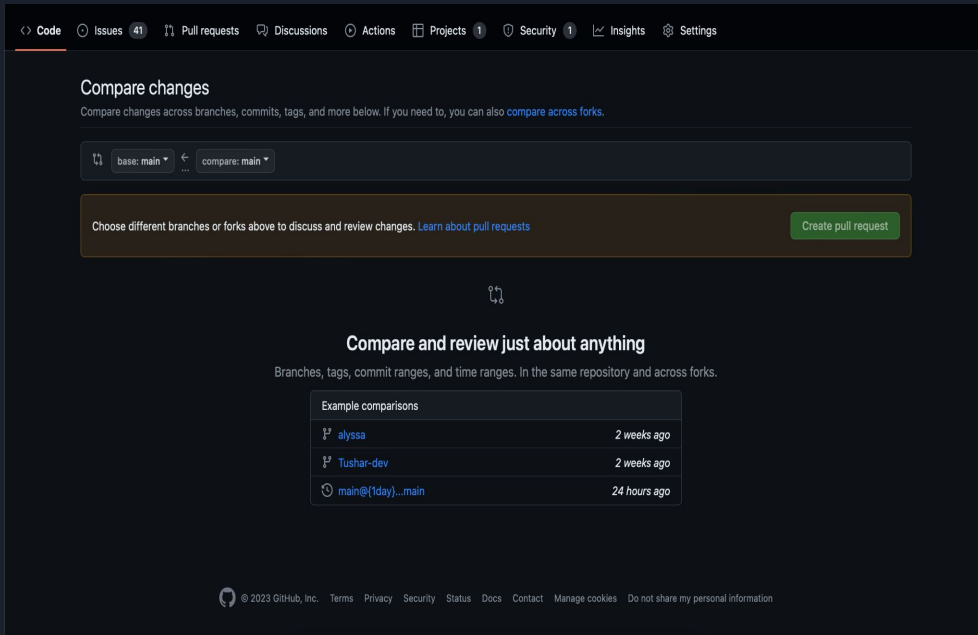
**git commit -m "message"** —> add a commit  
message

**git push** —> sends the git push request, and  
should show up in github repo in browser

# Creating a pull request to merge into Main branch

After committing everything to local branch, you want to merge to main

- Top nav bar → Pull Requests
- Click “New Pull Request”
- Click on Local Branch and Main branch to merge
- Can select which files you want to merge
- Fill out text area for what you are merging
- Create the pull request!



The screenshot shows the GitHub 'Compare changes' page. At the top, the navigation bar includes links for Code, Issues (41), Pull requests, Discussions, Actions, Projects (1), Security (1), Insights, and Settings. The main heading is 'Compare changes', followed by a subtext: 'Compare changes across branches, commits, tags, and more below. If you need to, you can also [compare across forks](#).' Below this is a dropdown menu showing 'base: main' and 'compare: main'. A message states: 'Choose different branches or forks above to discuss and review changes. [Learn about pull requests](#)'. A green button labeled 'Create pull request' is on the right. Further down, a section titled 'Compare and review just about anything' explains: 'Branches, tags, commit ranges, and time ranges. In the same repository and across forks.' Below this is a table of 'Example comparisons':

Example comparisons	
alyssa	2 weeks ago
Tushar-dev	2 weeks ago
main@{1day}...main	24 hours ago

At the bottom, the footer includes the GitHub logo, copyright notice '© 2023 GitHub, Inc.', and links for Terms, Privacy, Security, Status, Docs, Contact, Manage cookies, and Do not share my personal information.



The merge  
request will then  
approved by the  
team lead!

A little guide to make sure we are all doing the  
same things in the same way to ensure  
comprehensive code!