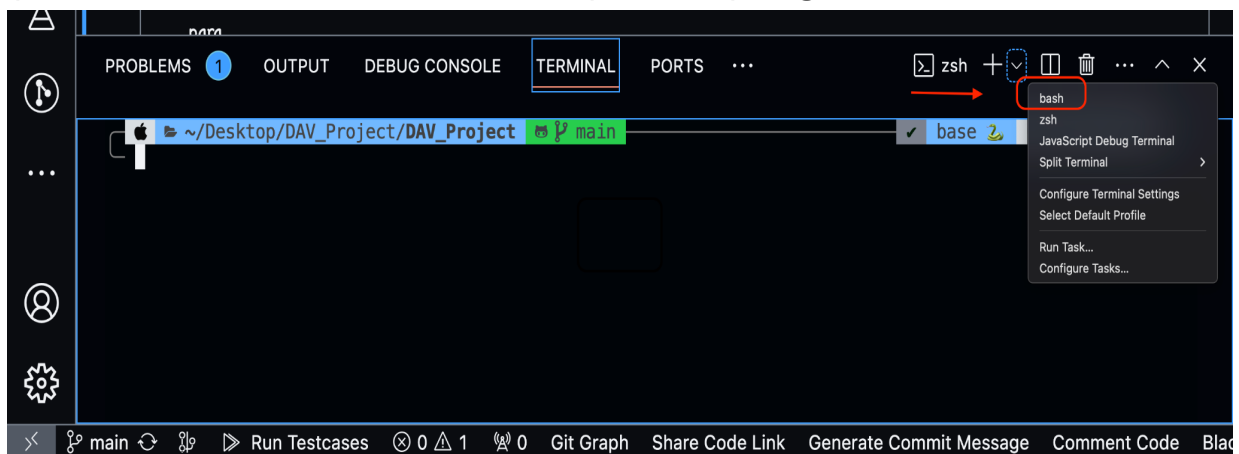


How to download the DAV_Project from github

1. Create a folder anywhere with any name (preferable DAV_Project)
2. Enter the folder and Right click and open git bash
3. Type command: **git init**
4. Type command: **git clone** https://github.com/shivamlth27/DAV_Project.git
5. Enter the directory: **cd DAV_Project**
6. Open in VS Code: **code .**

How to create the feature branch to start our task

1. Open the git bash terminal in your VS Code. From the Terminal menu, open terminal and then from below dropdown, open **git bash terminal**.



2. Check which branch you are currently on
 - a. you are on the **main branch**, no need to change.
3. Create a new branch with the below naming convention: **{your name}-{task name}**
using the command:
git checkout -b shivam-adding-git-documentation
4. Complete your specific task for which you created the branch.
5. Once you are satisfied after running the project, you have to commit using the command: **git commit -m "adding git documentation"**
6. Checkout to the develop branch: **git checkout main**
7. Get the latest changes from github: **git pull origin main**
8. There can be **Merge Conflicts**. **You have to resolve that first.**
9. If no merge conflicts, proceed further.
10. There will be two cases:

- a. If there are no latest changes, then you are good to push your branch on github. Checkout back to your created branch:

git checkout shivam-adding-git-documentation

Push your branch to github:

git push origin shivam-adding-git-documentation

Go to github repo **DAV_Project**, and raise a **Pull Request**.

Check the branch to which you want to merge. It should be **main**.

Check back the codes which you want to merge to develop.

- b. If there are any latest changes from github, then you have to rebase your created branch on top of the **main**.

Checkout back to you branch:

git checkout shivam-adding-git-documentation

Rebase your branch on top of **main**:

git rebase main

There can be merge conflicts here, you have to understand a little of that conflicting code and make a wise decision what to keep and what to remove.

After that perform commit:

git commit -m "rebased my branch on top of main"

Now push your changes to github:

git push origin shivam-adding-git-documentation

Then similar as above, raise a Pull request.....