| Download VSCode on your laptop | <https://code.visualstudio.com/download> |
| --- | --- |
| Install the necessary extensions on VSCode (for now) |  |
| Sign into Git on VSCode |  |
| **Fork** the DAC/DSA repository to your GitHub account, then **clone** it to your computer (do not store it on the cloud). Once you have cloned it, you should be able to open the folder in the next step.  **Note:** If you already have the folder downloaded and can see/open it in VS Code, you’re good to go! Repeating this step will create a duplicate of the same folder on your computer, so **please refrain from doing this step again**. | You can refer to this guide for the detailed instructions/information: <https://scribehow.com/shared/Forking_the_DACDSA_Curriculum_Repository__uJ4bd99_TTWagei2bQgC1Q?referrer=workspace>  If you are able to see the “My-DAC-Curriculum” repository under your repositories on git, it means you have successfully forked it. |
| Open the folder where you have cloned the repository to your computer. | Go to File > Open Folder, then navigate to where your file is saved and select the folder. |
| When running code select the appropriate Kernel. |  |
| Pull up Terminal | Mac: Command + J  Windows: Ctrl + `  OR  View > Terminal |
| Save the changes you made to your file (after making changes to your file) | 1. Save changes (cmd + s OR ctrl + s) 2. git status - This is to check what is untracked 3. git add . - This is to track all that we have made changes (the . means all) 4. git status - Check whether the file changes is being tracked 5. git commit -m “First changes” - Committing all changes with message (replace first changes with your message) 6. git push - Everything that’s being tracking, ‘uploading’ it to main branch |
| BEFORE every class make sure to sync fork, to make sure your forked repository is up to date. | You can sync your fork by clicking on the 'Sync fork' button on GitHub, which will update your fork On GitHub with the latest changes from the original repository.  To update the repository on your local machine (your computer):   1. git remote add upstream <original-repo-URL> - Add the upstream remote (only if not done already) 2. git fetch upstream - Fetch the latest changes from the upstream repository 3. git checkout main - Checkout your local default branch 4. git merge upstream/main - Merge the changes from the upstream into your local branch 5. git push origin main - Push changes to your local repository |