

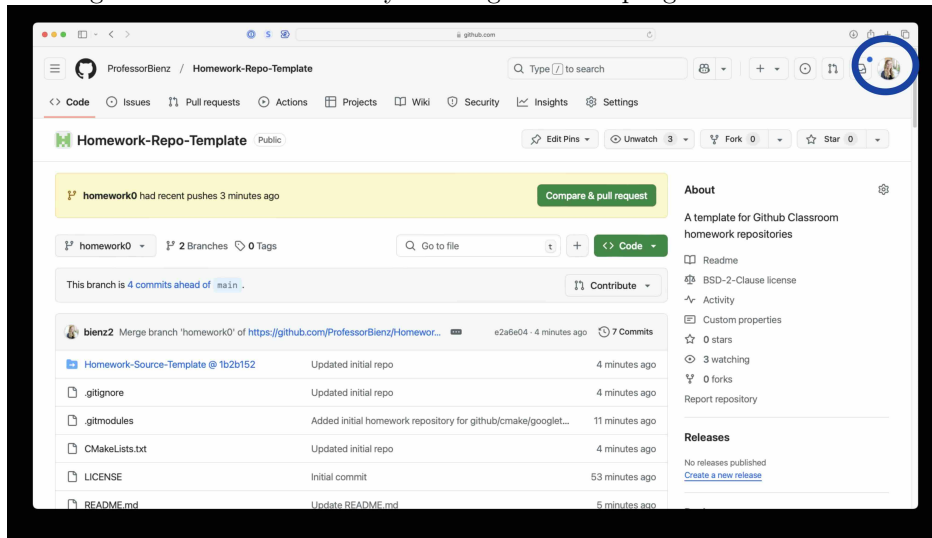
GITHUB TOKEN

Question 28: Write a GitHub authentication token to clone a repository to your local machine.

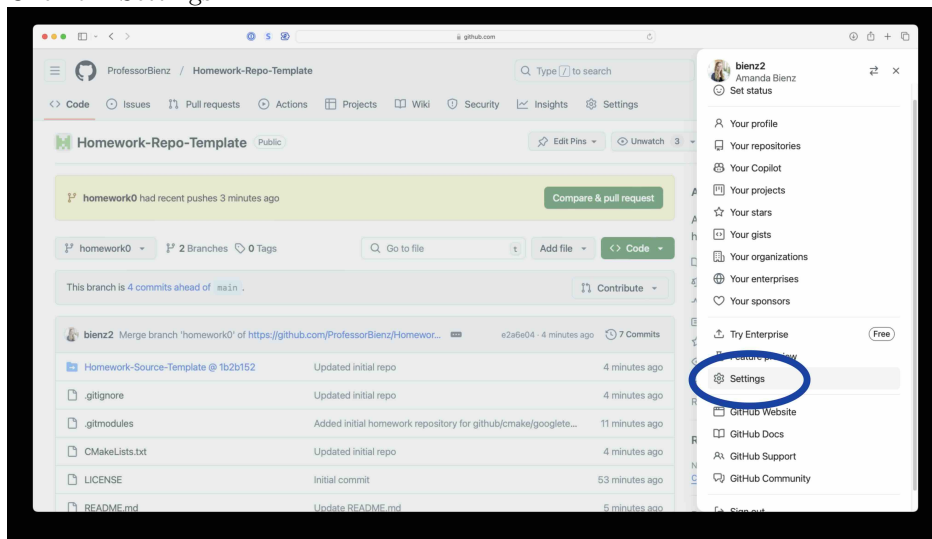
Instructions : Follow the steps to create an authentication token for GitHub. This token can be used to clone GitHub repositories to your own computer and push your changes back to homework. If you prefer to create an SSH key, you can follow GitHub's instruction here.

To create a Github authentication token, follow the steps below:

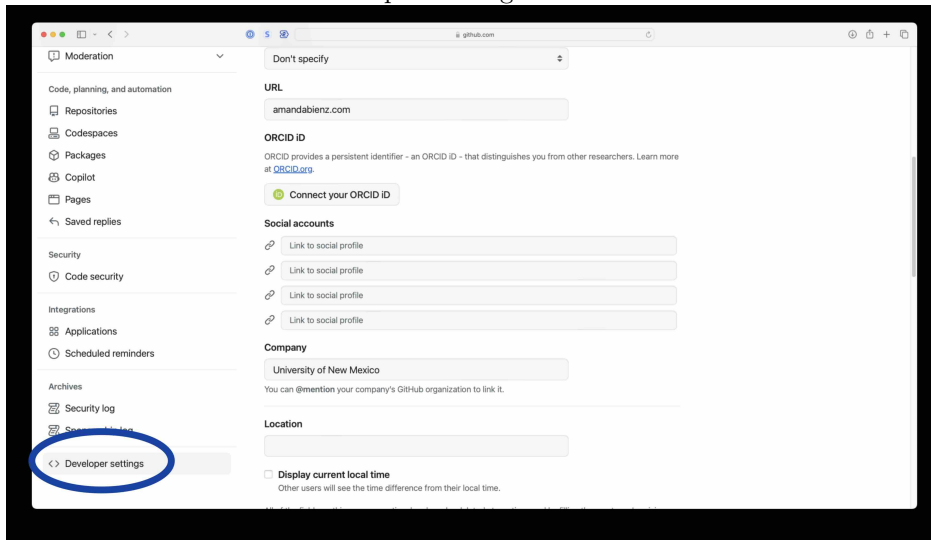
1. Go to 'github.com' and click on your image in the top right corner.



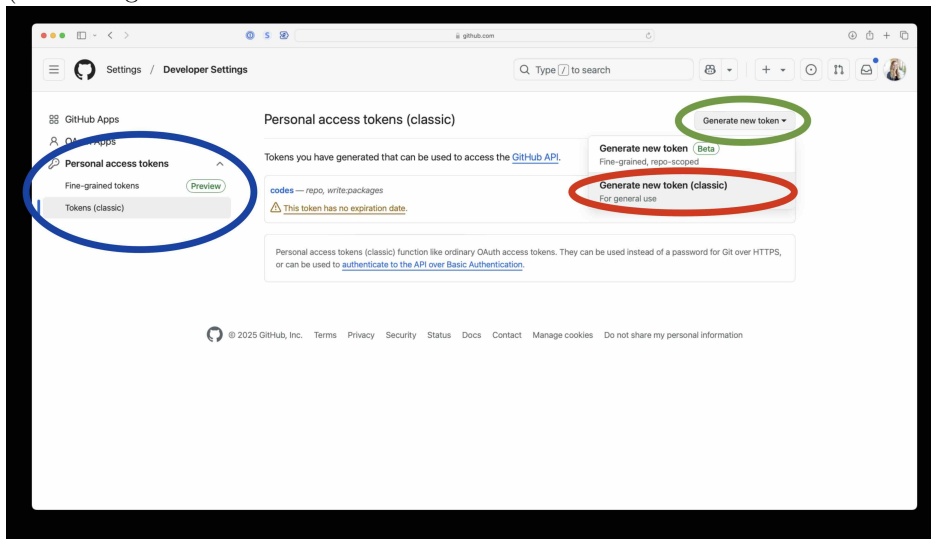
2. Click on 'Settings'



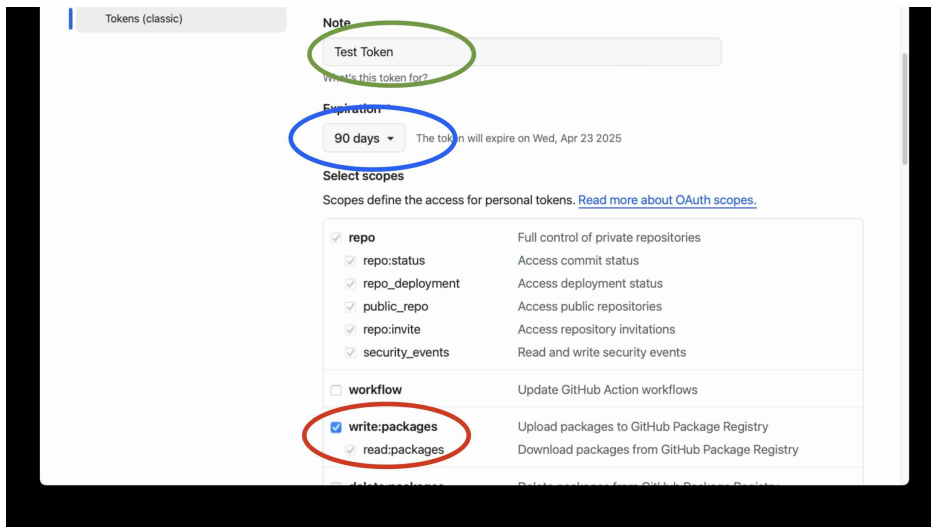
3. Scroll down and click on 'Developer Settings'



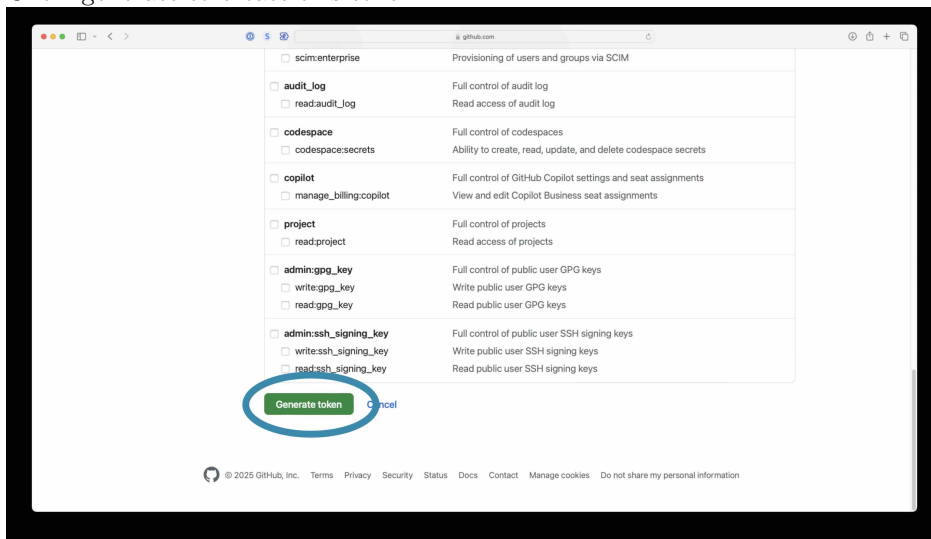
4. Click on 'Personal Access Tokens' and 'Tokens' (highlighted in blue). Then click 'generate new token' (both the green and then the red circles).



5. This will allow you to create a new token. Your token will be a generated password that will give you access to Github features. To create a new token, give your token a name (green), select the amount of time your token should remain active (blue), and click the box next to 'write' (red). The 'write' automatically selects all 'repo' options, letting you control code repositories, while also having access to write updates. **Make sure to select an expiration date past the end of the semester so that you don't need to redo these steps to complete assignments for the course.**



6. Click 'generate to create this token.



7. **You now have a token!** It is a password, similar to that shown in the image below. It will not allow you to login to 'github.com'. It will allow to 'pull', 'push', and otherwise manipulate homework repositories.

