Indigo Hackathon Prerequisites - GitHub Repositories

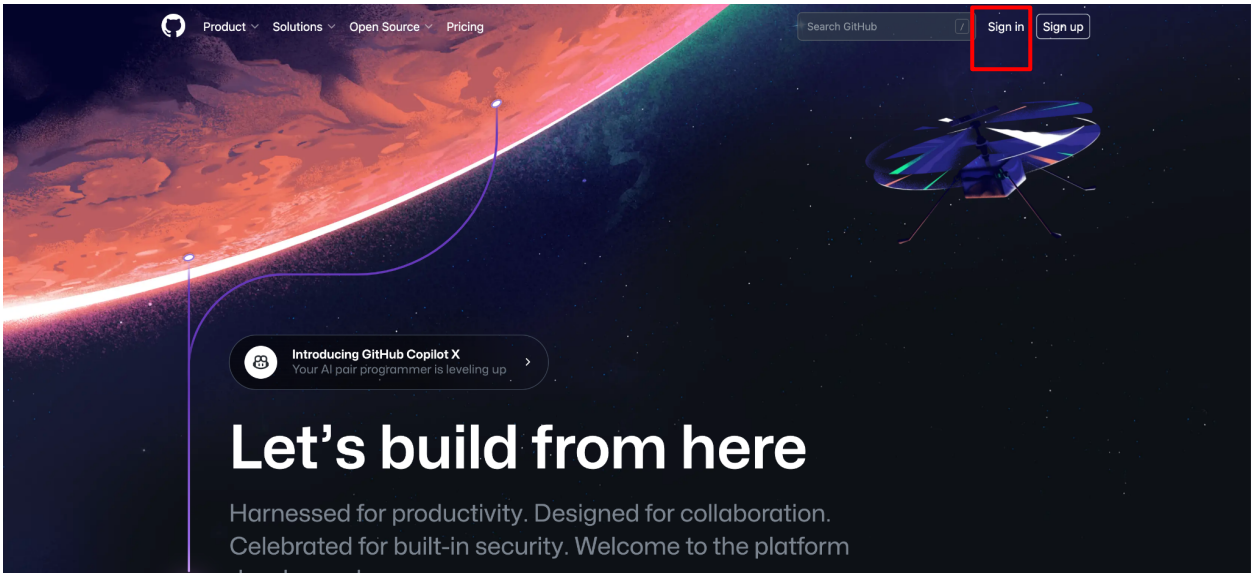
It is expected from the participants that they should have two empty public GitHub repositories on their personal GitHub account with push permissions on these repositories

High Level steps

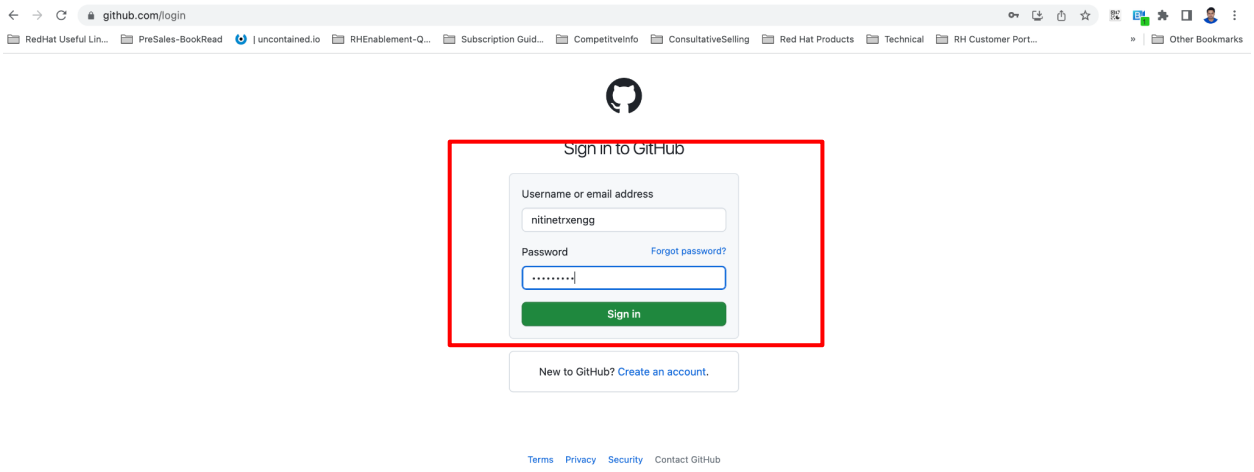
- Create two empty GitHub repositories on your personal GitHub Account
- Generate access token for these two repositories.
- Save the repositories URL & Access Token on your Laptops.

Below are the screenshots as a reference on how to create GitHub repositories & provide relevant permissions on these repositories to push the code using Fine Grained Access Tokens method.

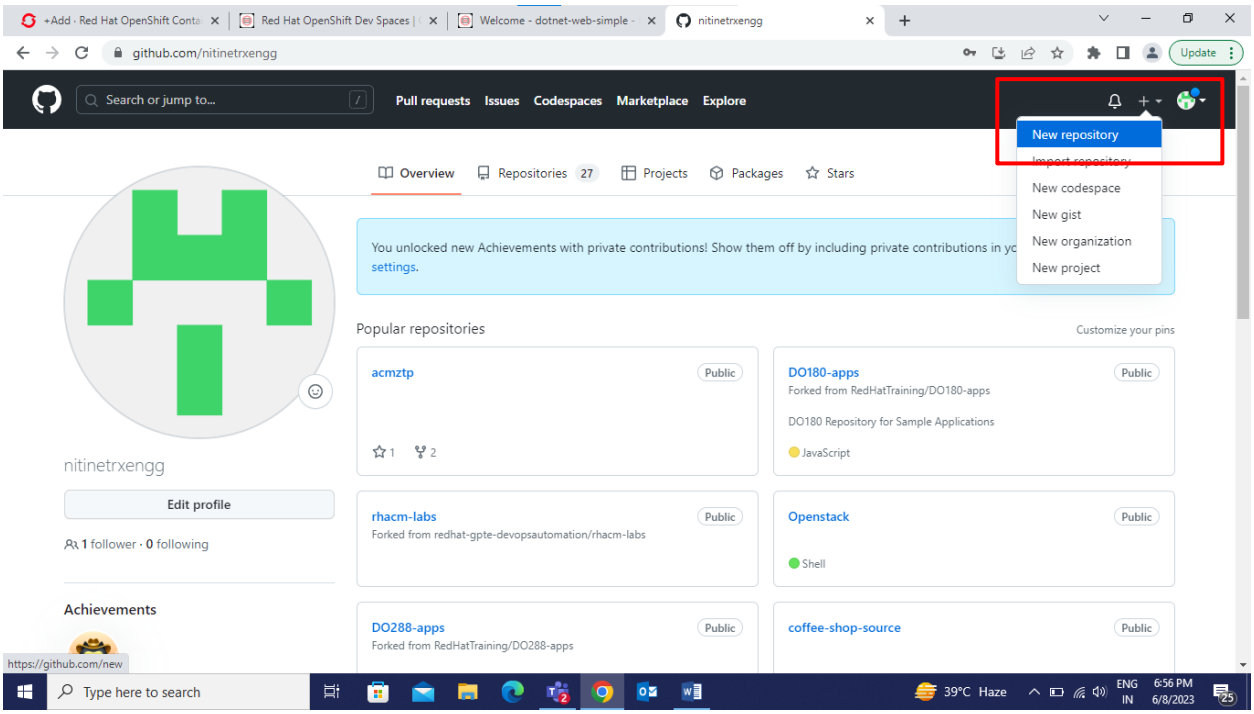
1. Login to your personal GitHub account - https://github.com/ & click Sign in



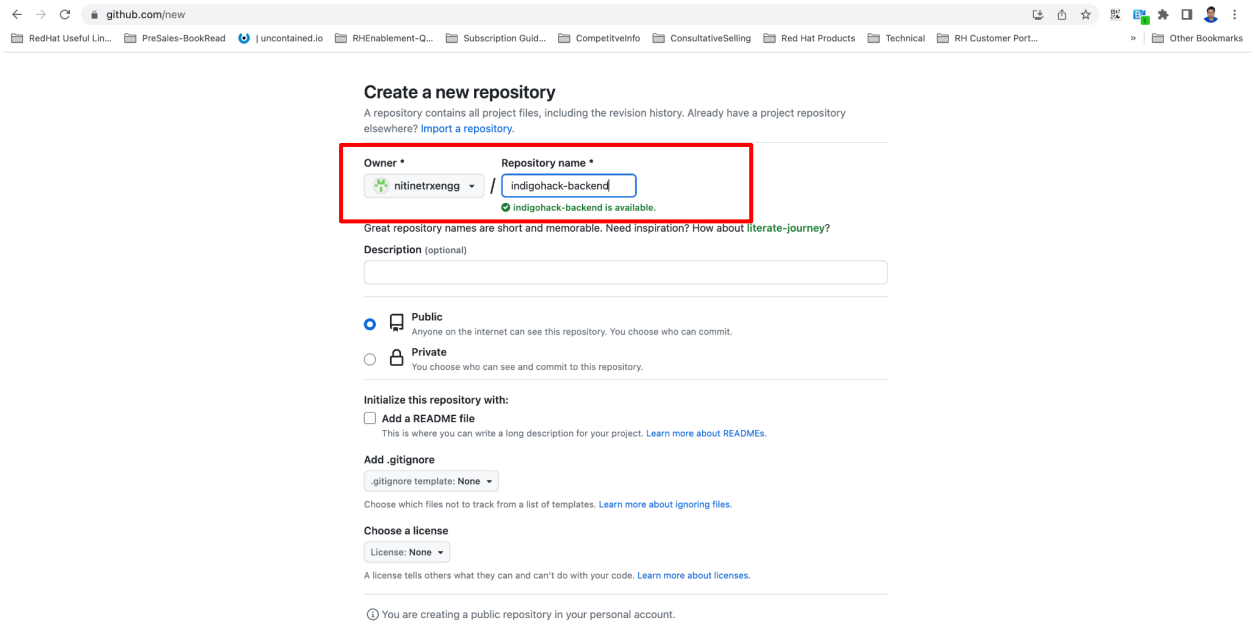
2. Provide your GitHub Login credentials & Click on Sign in



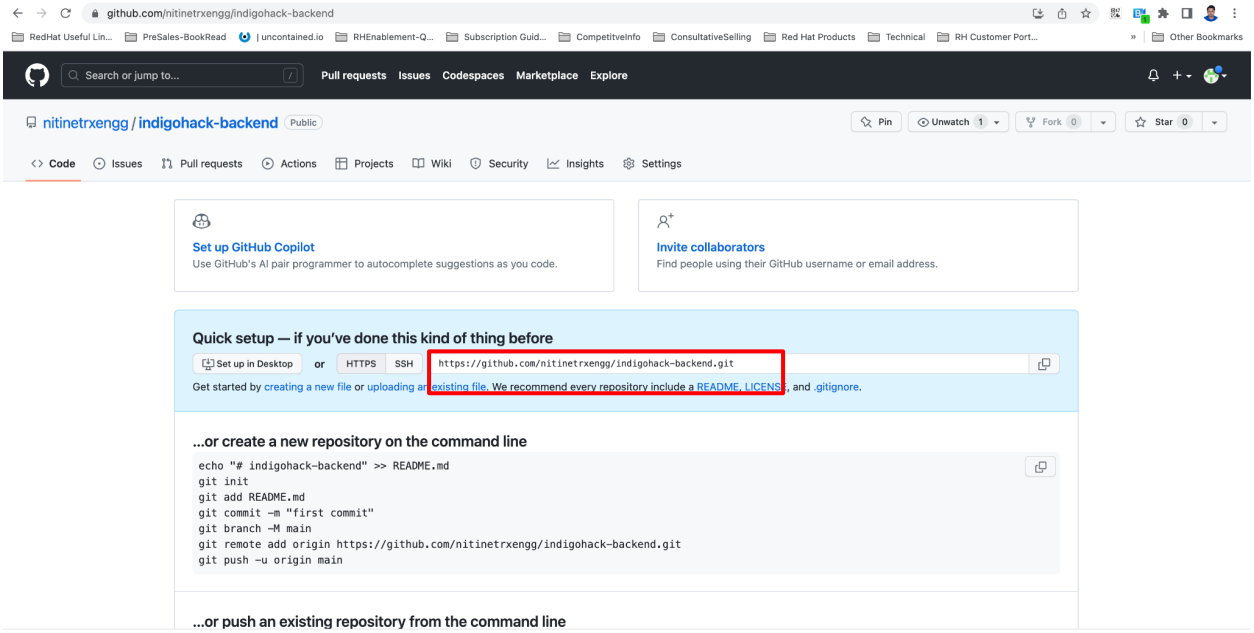
3. Click on New repository



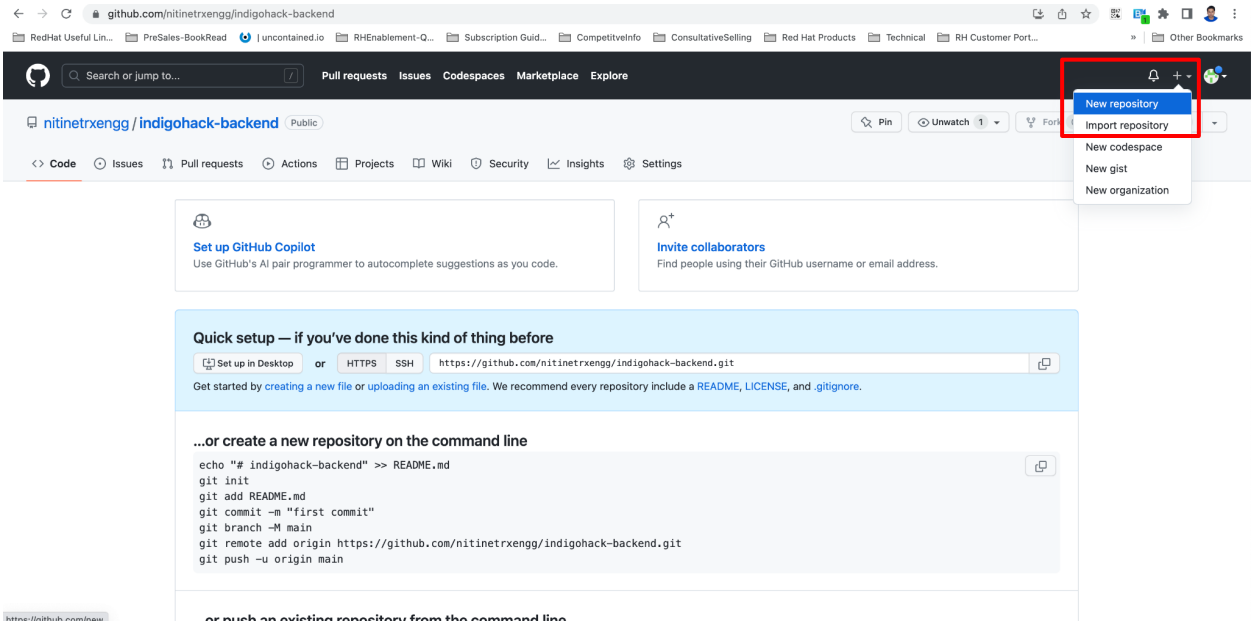
4. Provide the repository name as **indigohack-backend** & leave other options as default. Click on Create Repository at the bottom of the screen



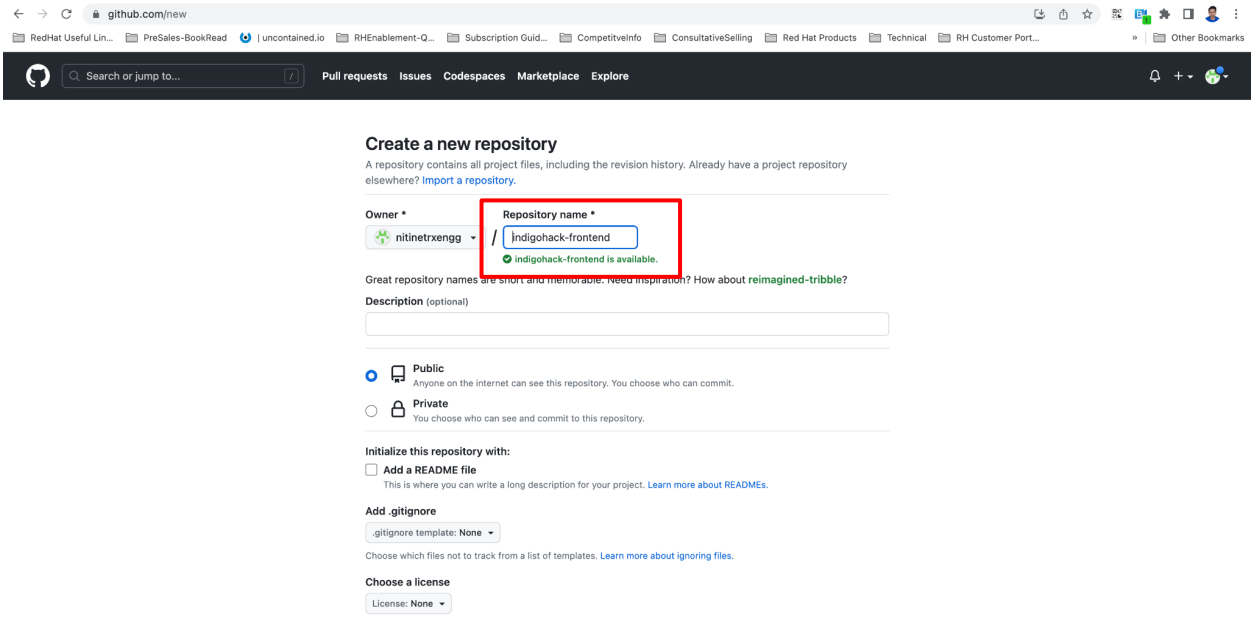
5. It will display the successful page as shown below & **keep a note of this URL** of the repository on your laptop. This URL will be required later while committing the code using git commands.



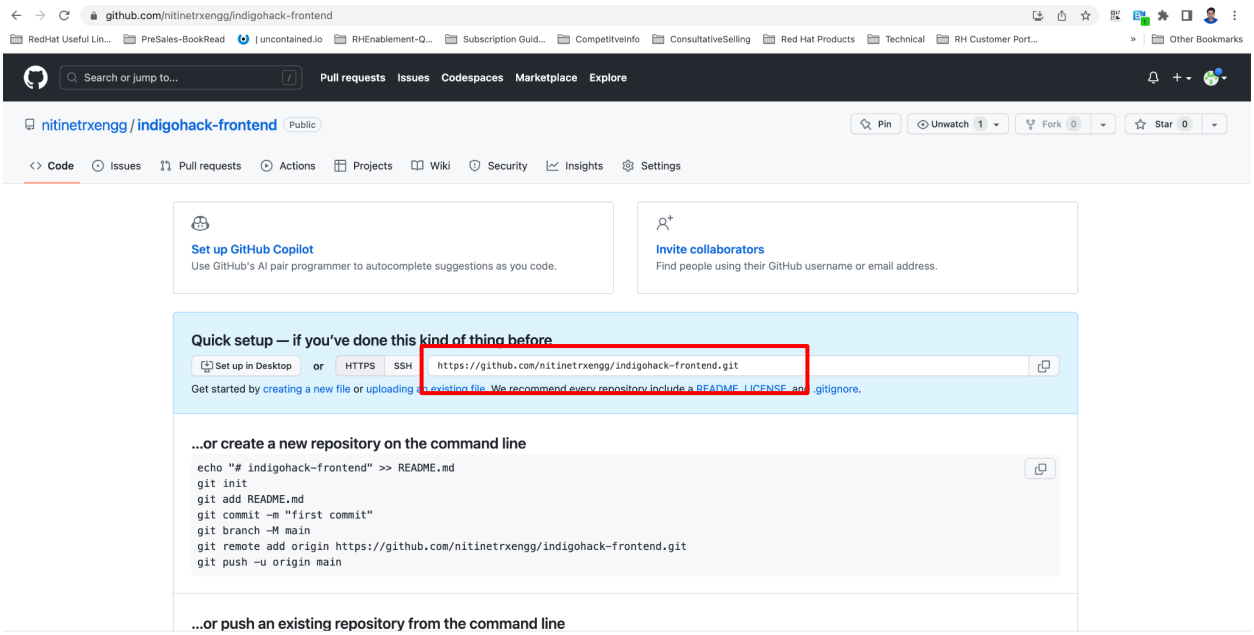
6. Now similarly create another repository. Click on New Repository



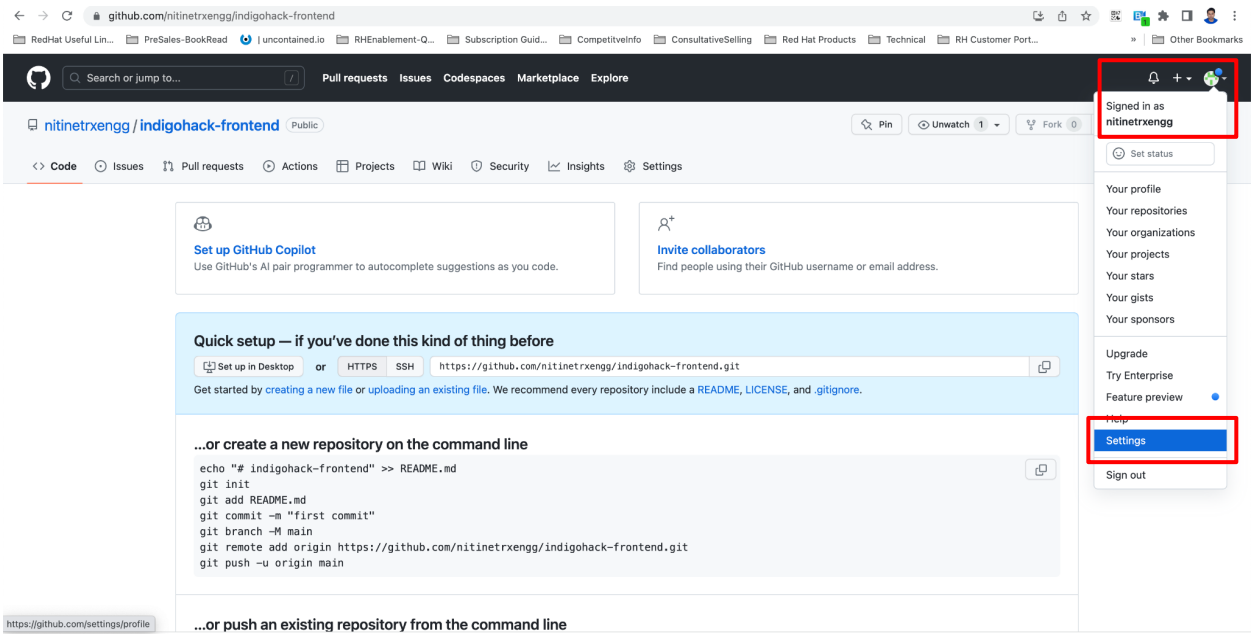
7. Provide the repository name as **indigohack-frontend** & leave other options as default & click on Create Repository at the bottom of the screen



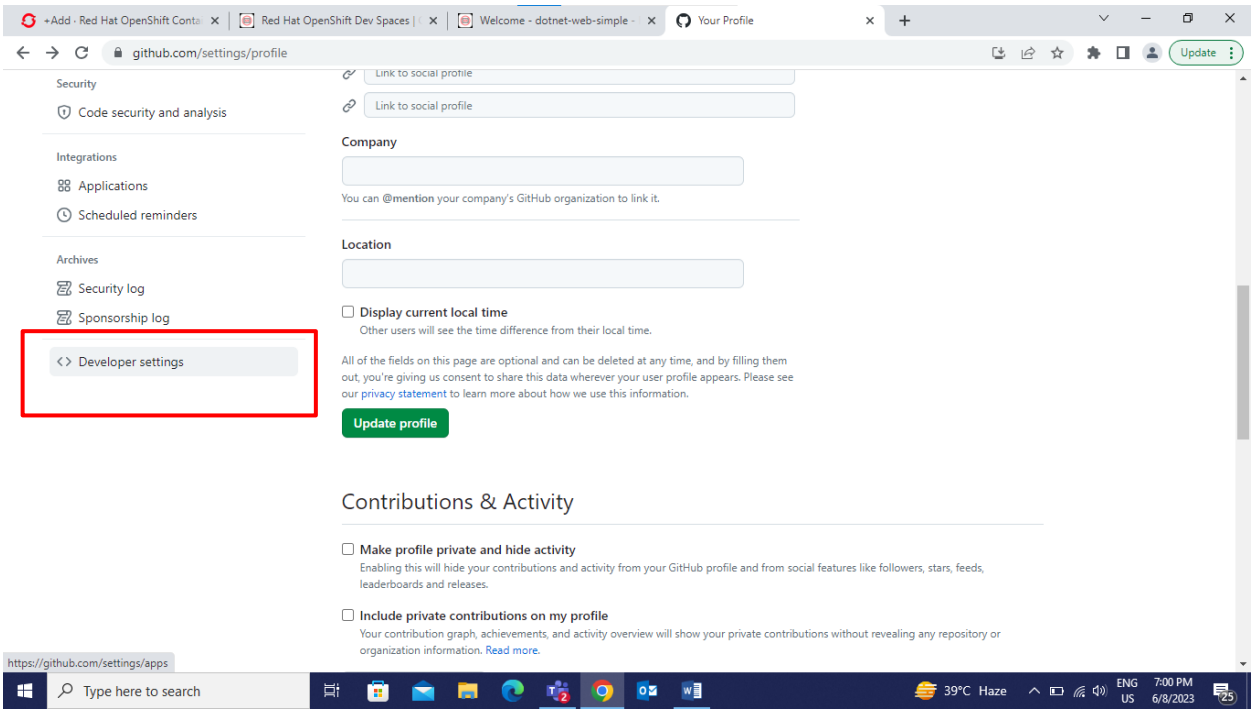
8. It will display the successful page as shown below & **keep a note of this URL** of the repository on your laptop. This URL will be required later while committing the code using git commands.



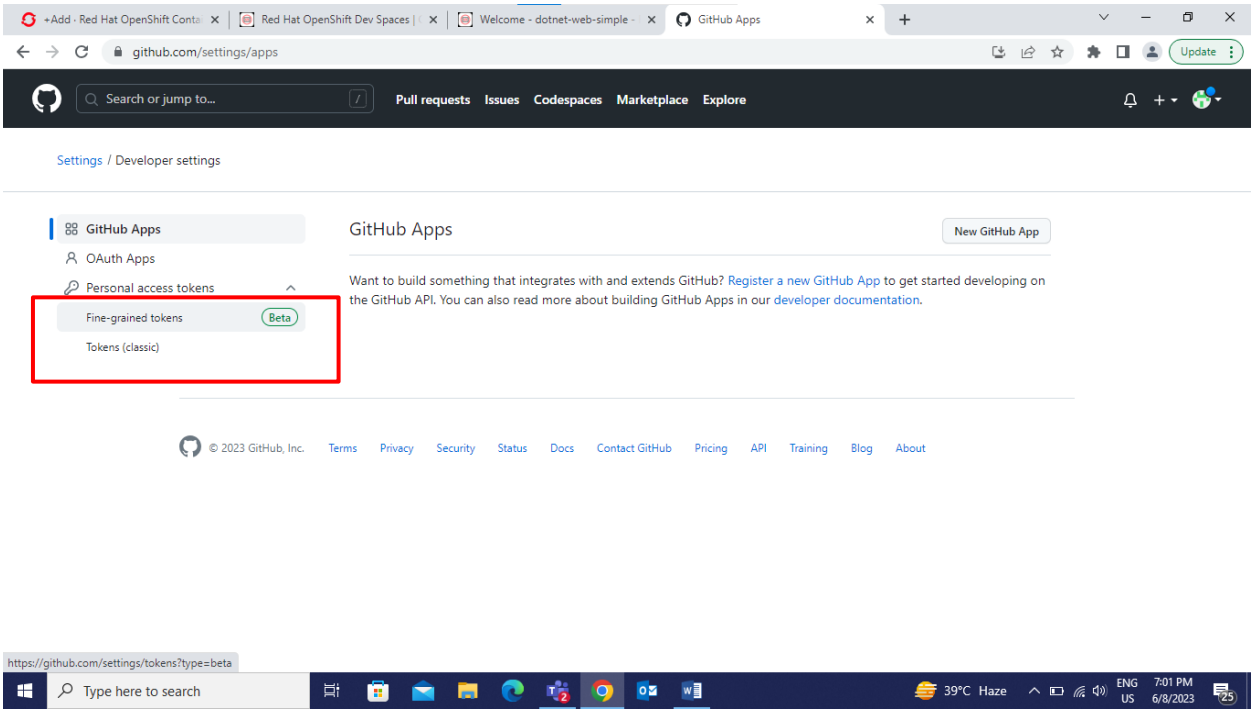
9. After creating two repositories, go to your GitHub settings to create access token for these repositories. Click on Settings



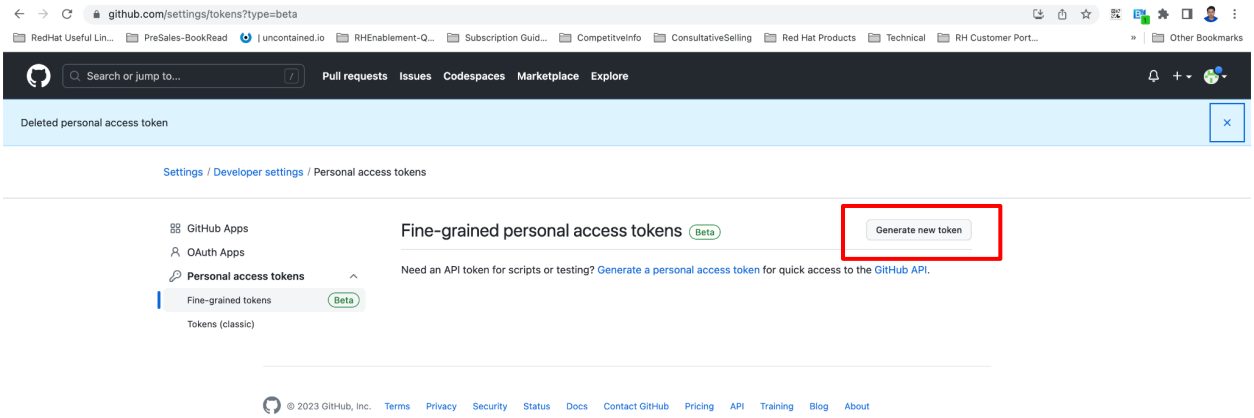
10. Scroll down on the web page & click on Developer Settings



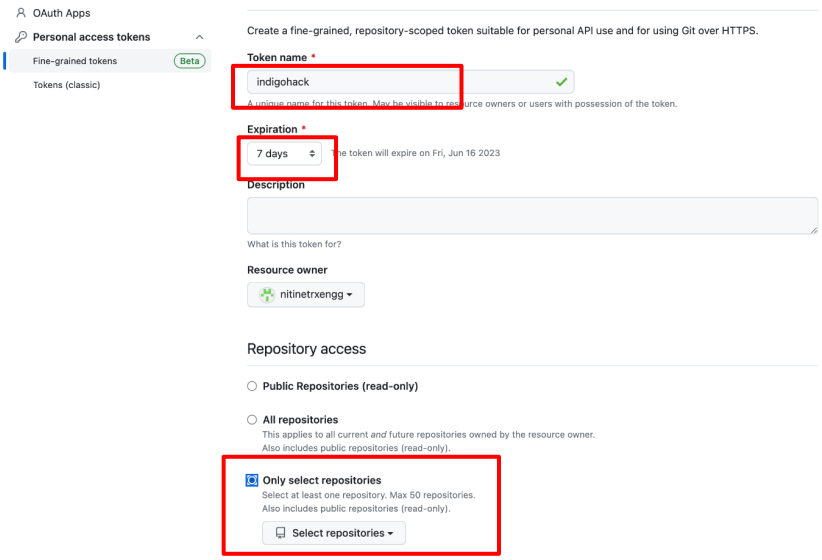
11. Click on Fine-grained tokens under Personal access token using dropdown option



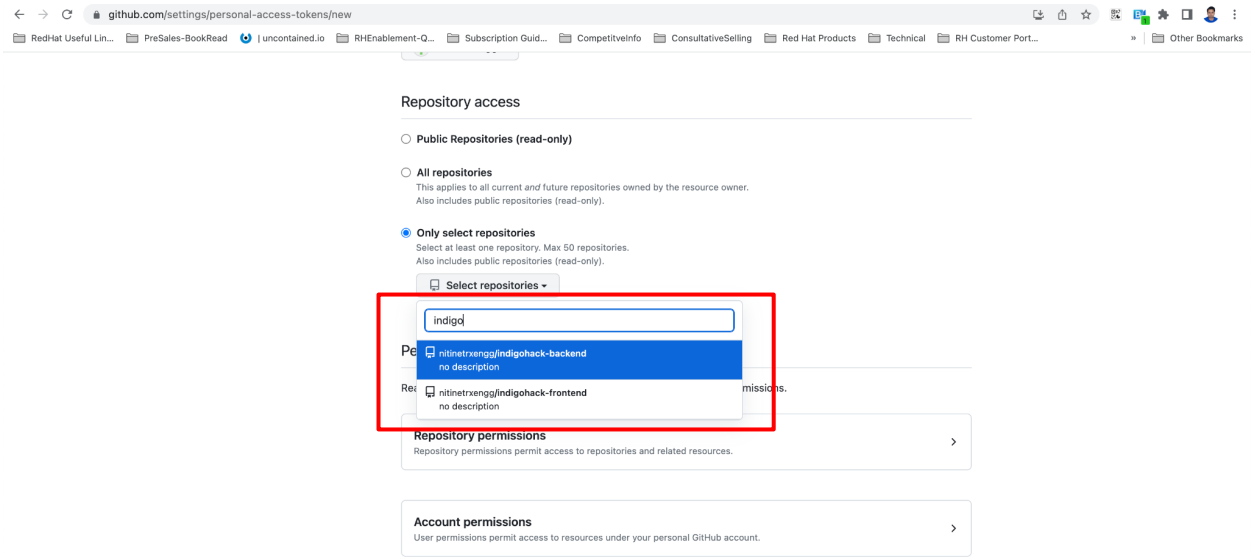
12. Click on Generate new token option on the web page

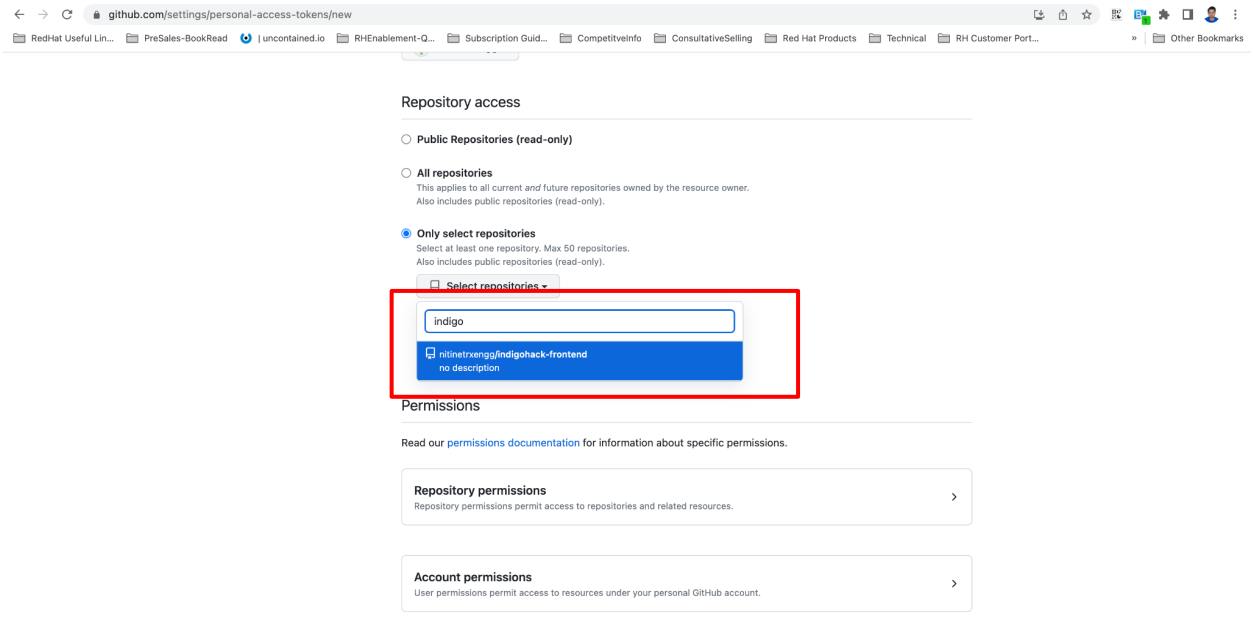


13. Provide the name of the token as **indigohack.** If required, change expiration to 7 days. Then click on the “Only select repositories” option.

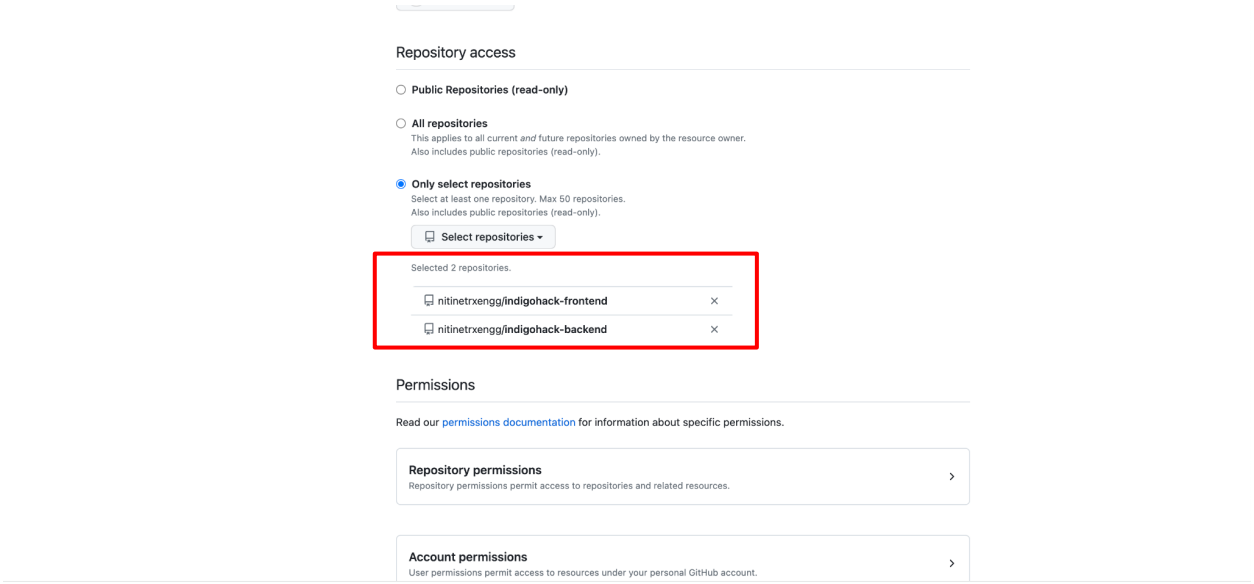


14. Click on Select repositories option & Select the two repositories that you have created in above steps. It will be selected one by one as shown in the screenshots below.

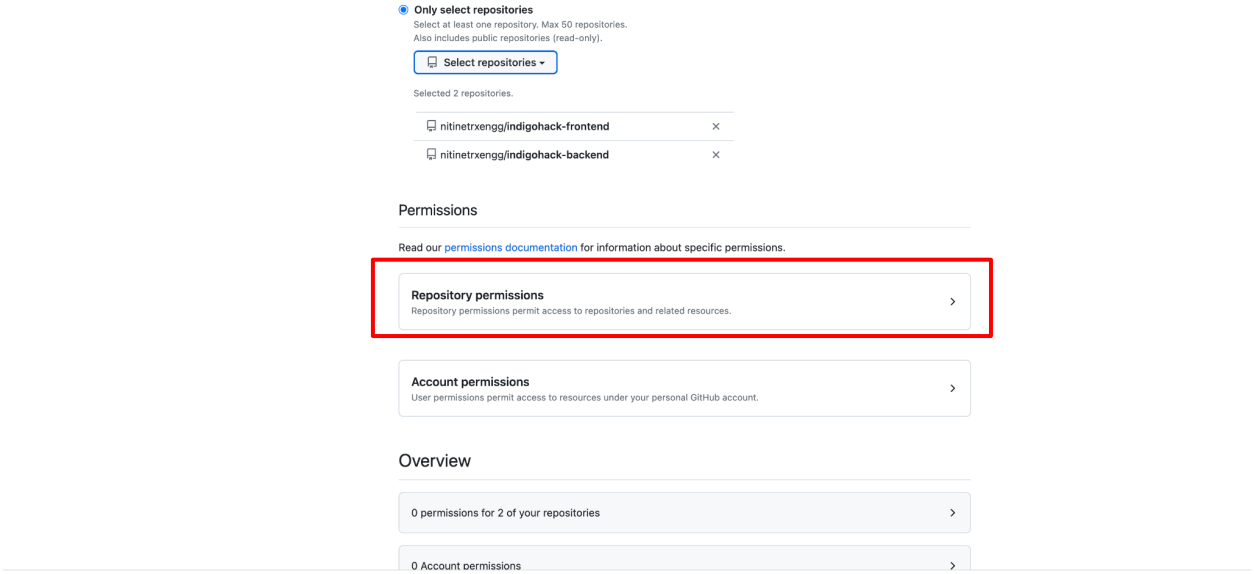




15. Finally, this is how it should look after selecting both the repositories



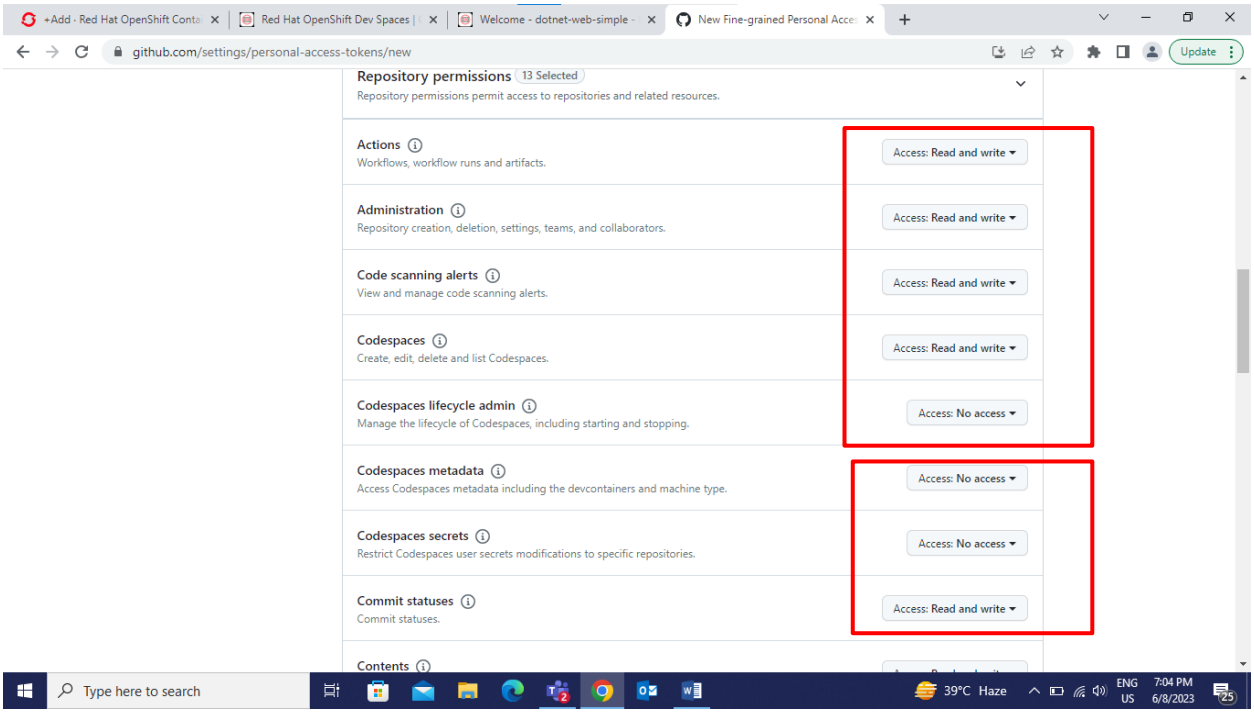
16. Now Click on the arrow to expand Repository permissions



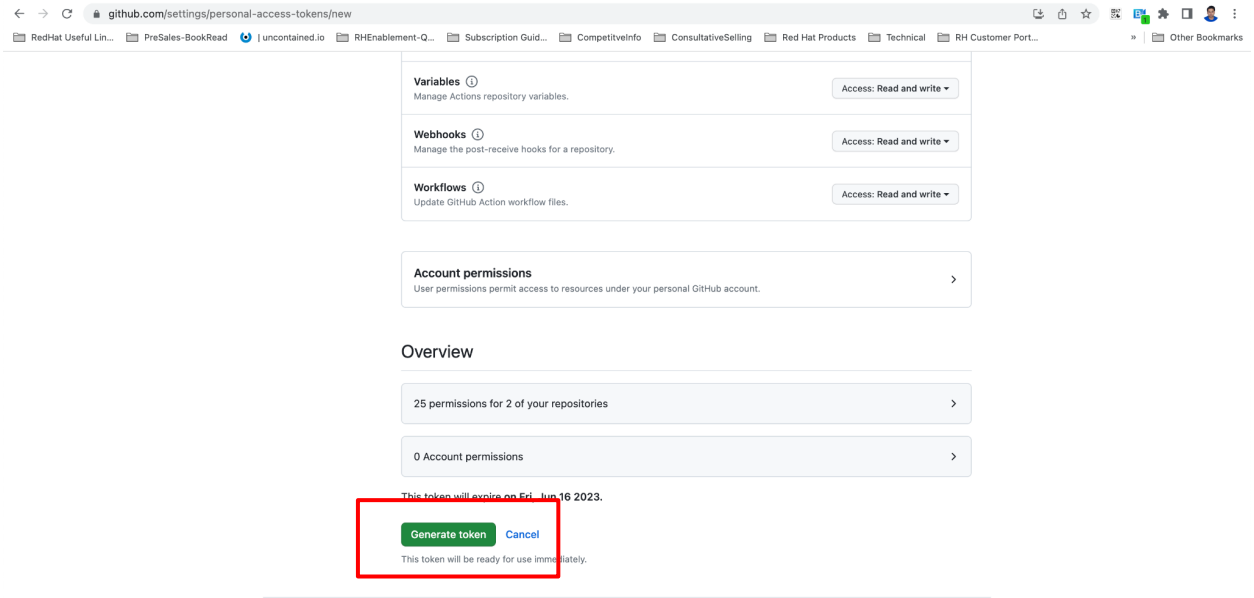
17. Please provide access as "**Read and write" wherever applicable**. These are test repositories so you can also provide almost all the options with "Read and Write" access. Select **Read Only** where Read & Write permission is not available.

Note:

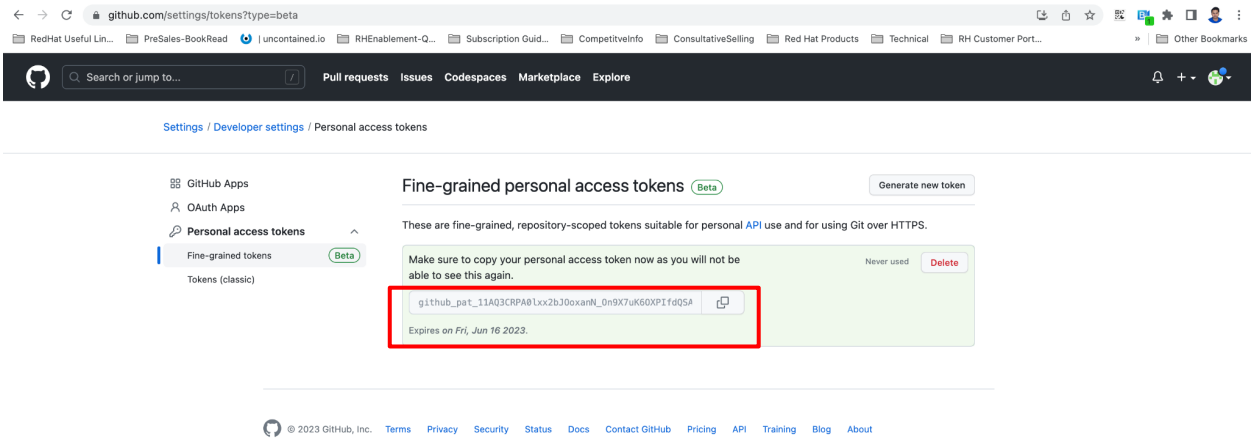
- In the below screenshot all the options are not displayed.. But you can select “Read and Write” Access wherever applicable in almost all the options & select Read only in other options.



18. Now scroll down & Click on Generate token



19. This will create an access token with providing permissions to these repositories.. **Please copy the access token & save it on your laptop (This will not be displayed later if not copied now)**. This access token will be required later .



Outcome of the exercise

- Successful creation of two empty public git repositories
- Successfully created fine grained access token for the above two repositories
- Saved the repositories URLs & access token on your laptop