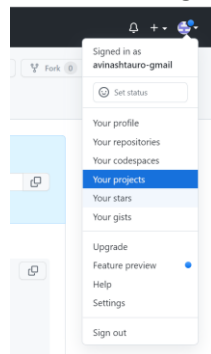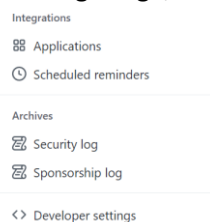# How to push a local GIT repository to GitHub Repository

1. Create a repository on github.com (Create a gihub.com account if you do not already have one)
2. To give access of this repository to your local git command prompt, you need to generate a personal access token

   WHY? So, you do not use your github password or share it with other team members who want to push code to your github repository
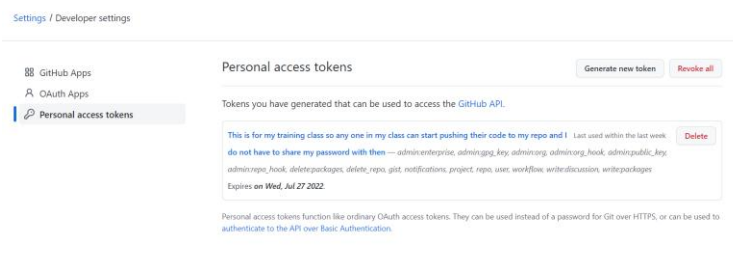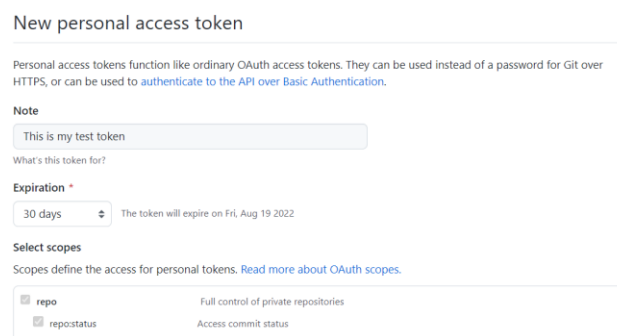
   a. Click on Settings

   b. In the Settings Page, scroll down and click on Developer settings
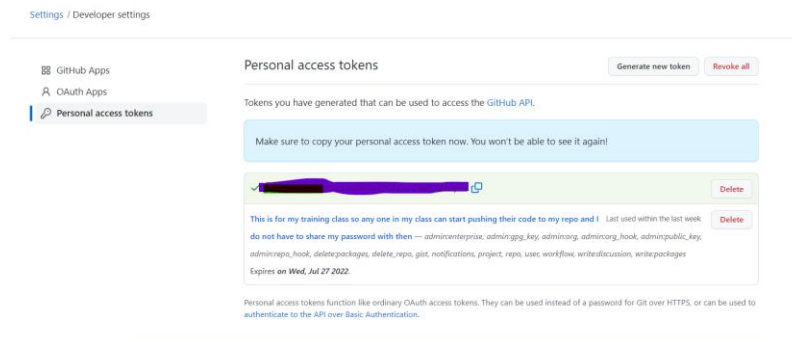
   c. In the Developer Settings page, click on "Personal Access Tokens" and click "Generate new token"

   d. Enter a note, and select expiration data. Remember to check all the scopes in the checkbox below. Then click on Generate Token,

e. Copy the generated token and keep it safe, as once you leave this page, you cannot see it again.

3. On your machine, open command prompt to your project folder and run the following GIT commands. Use the access token from step 2 above

    a. `git remote add origin https://<user-name>:<access-token>@github.com/avinashtauro-gmail/MyTestRepository.git`

    Example
    ```
    git remote add origin https://avinashtauro-
    gmail:ghp_Fl3xRXefU5uladdeQaI0CRLhrC9W124erw32@github.com/avinashtauro-
    gmail/MyTestRepository.git
    ```

4. Finally, push your local code to github

    a. `git push origin master`

5. To share your work with the team, send them your github url and your username/access token

6. You team member can then clone your code to their computer as follows

    a.