Uploads are made through the IDE:

<https://ide.cs50.io/>

Submit50 can be declared through the IDE but needs GitHub set up (Rehtest is the environment I use for CS50).

In order to submit through the IDE, a personal access token needs to be set up as well in Github:

This was the personal access token for 90 days made on 4th December 2022:

ghp\_kr23vNoCjNauKpexjWhhmVI4qyRr3z3X77WB

## Personal Access Token[ℑ](https://cs50.readthedocs.io/github/#personal-access-token)

1. Visit <https://github.com/settings/security>, logging in with your GitHub username and password as usual, and [configure two-factor authentication](https://docs.github.com/en/github/authenticating-to-github/securing-your-account-with-two-factor-authentication-2fa/configuring-two-factor-authentication).
2. Visit <https://github.com/settings/tokens>.
3. Click **Generate new token**.
4. Input a note under **Note** (e.g., CS50 IDE if using CS50 IDE).
5. Select **No expiration** (or something shorter) via the drop-down menu under **Note**.
6. Check **repo** under **Select scopes**.
7. Click **Generate token**.
8. Highlight and copy the “personal access token” that appears. Odds are it will start with ghp\_.
9. Paste that personal access token somewhere safe (e.g., in a password manager).

You should now be able to use check50 and submit50 (and git) without GitHub username and password. When prompted to log in, use your GitHub username and that personal access token instead of your password.

### If you created a personal access token but forgot it (or it expired)[ℑ](https://cs50.readthedocs.io/github/#if-you-created-a-personal-access-token-but-forgot-it-or-it-expired)

1. Visit <https://github.com/settings/tokens>, click **Delete** next to your old personal access token, then click **I understand, delete this token**.
2. Follow all of the same [Personal Access Token](https://cs50.readthedocs.io/github/#personal-access-token) steps, above, again.

More details here: https://cs50.readthedocs.io/github/#if-you-created-a-personal-access-token-but-forgot-it-or-it-expired