

# Two-Factor Authentication or 2FA

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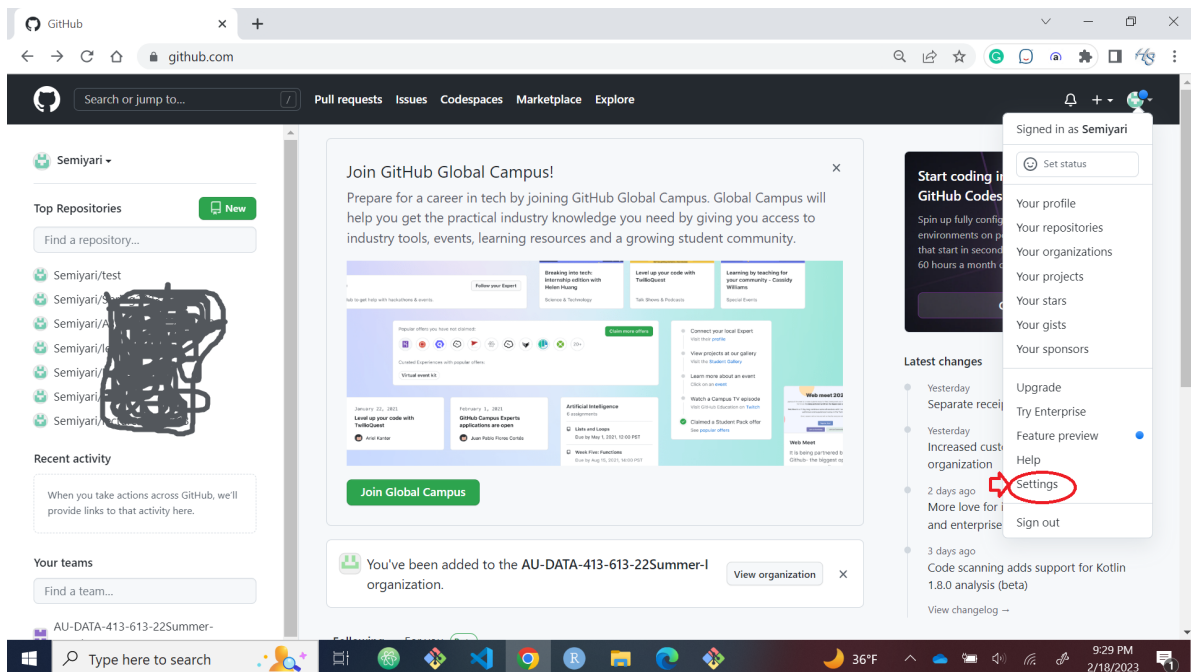
## A quick or summary Note about authentication with GitHub

- Prior to August 13, 2021, you were allowed to authentication by typing username and password before you can access certain resources on GitHub. For instance every time you pushed or pulled from GitHub. Using your GitHub password is no longer allowed.

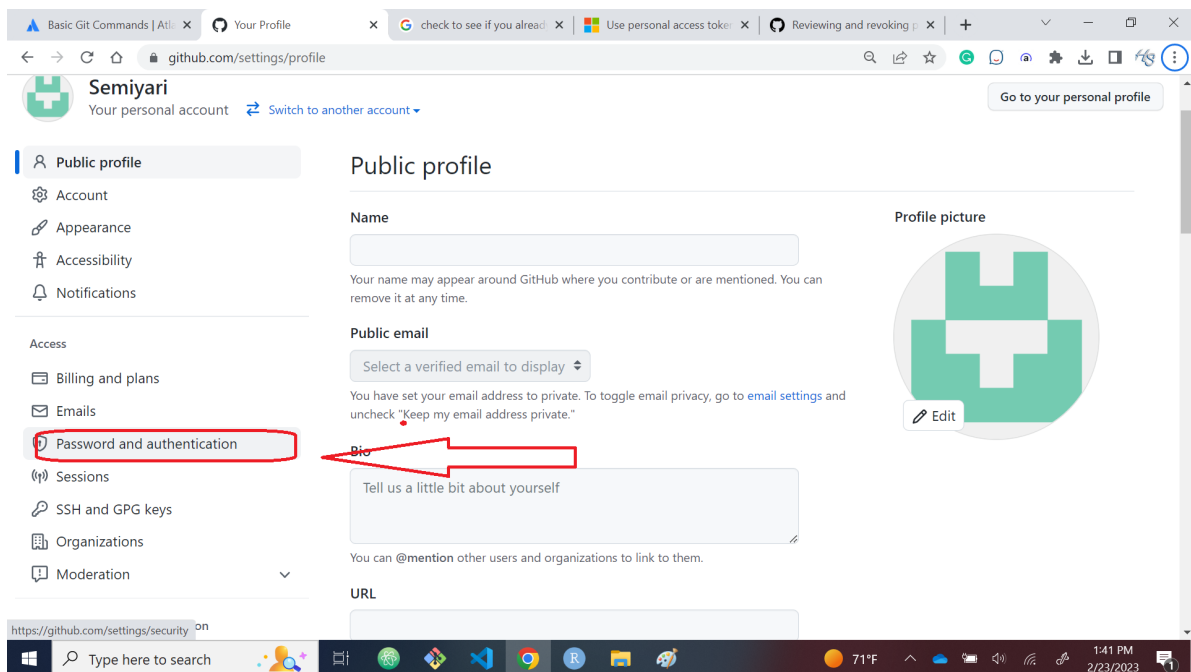
You can access your resources in GitHub in a variety of ways: in the browser, via GitHub Desktop or another desktop application, with the API, or via the command line. Each way of accessing GitHub supports different modes of authentication.

## Authenticating in your browser

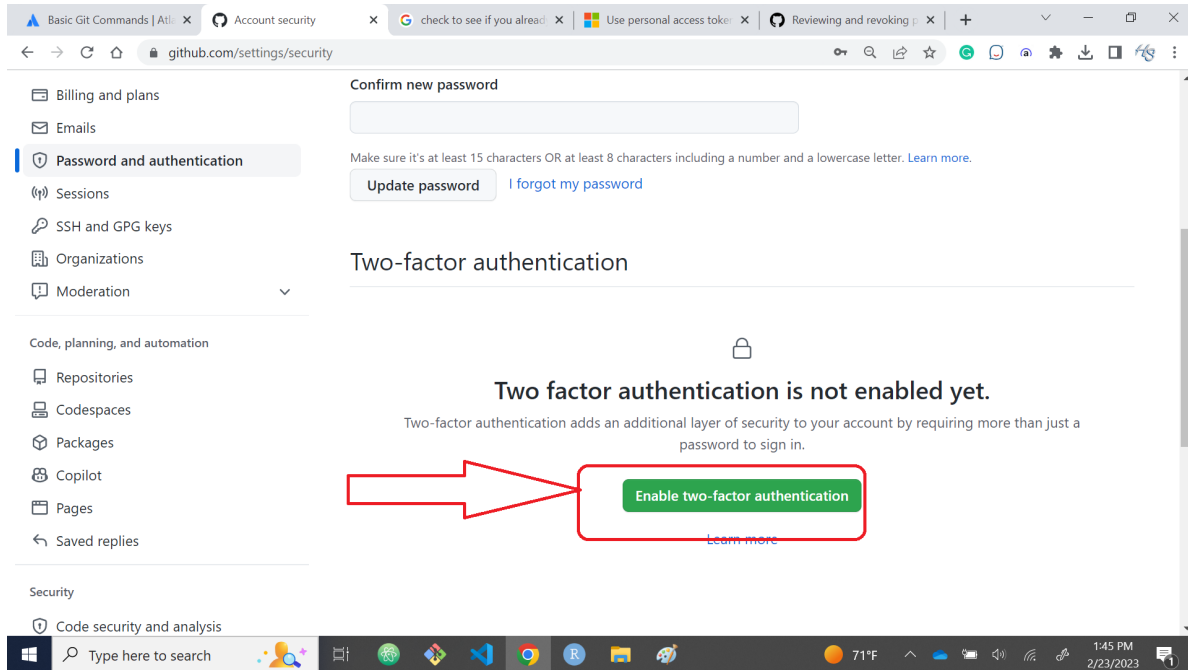
- *Username and password with two-factor authentication or 2FA*
  - You'll create a password when you create your account on GitHub. We recommend that you use a password manager to generate a random and unique password.
  - If you have not enabled 2FA, GitHub will ask for additional verification when you first sign in from an unrecognized device, such as a new browser profile, a browser where the cookies have been deleted, or a new computer. After providing your username and password, you will be asked to provide a verification code that we will send to you via email. If you have the GitHub Mobile application installed, you'll receive a notification there instead.
- Step 1. In the upper-right corner of any page, click on your avatar (or your profile photo), then click *Settings*.



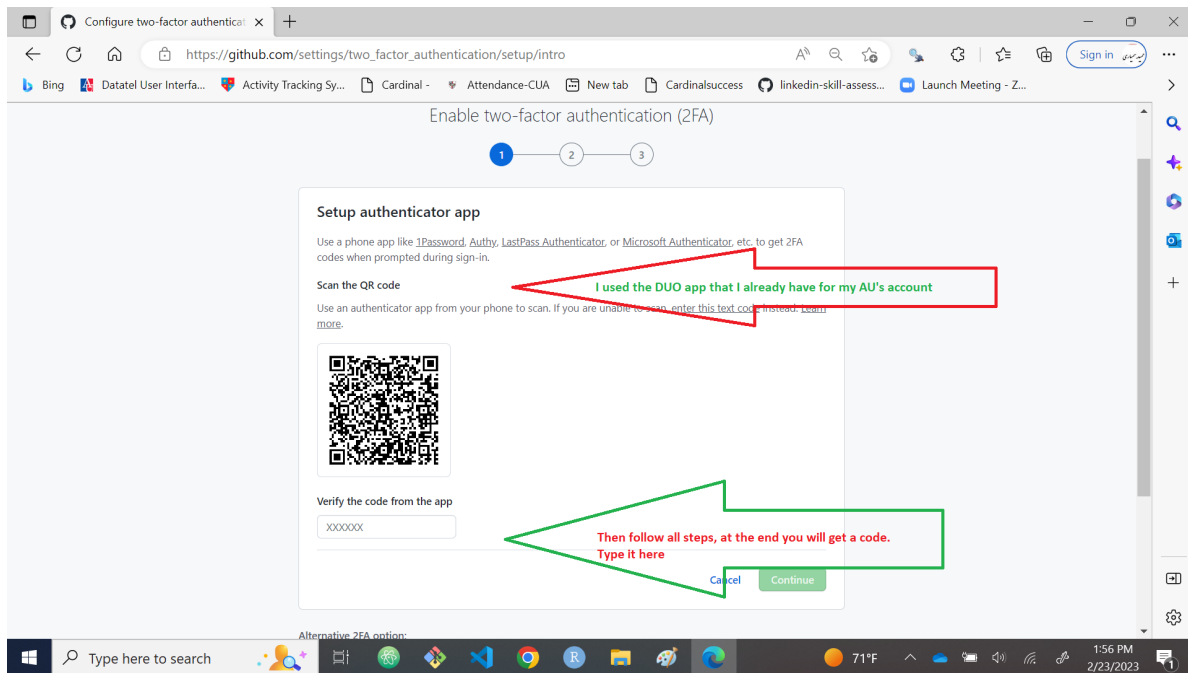
\_\_ Step 2. Scroll down and click on “Password and authentication”



\_\_ Step 2. Scroll down and click on “Enable two-factor authentication”,

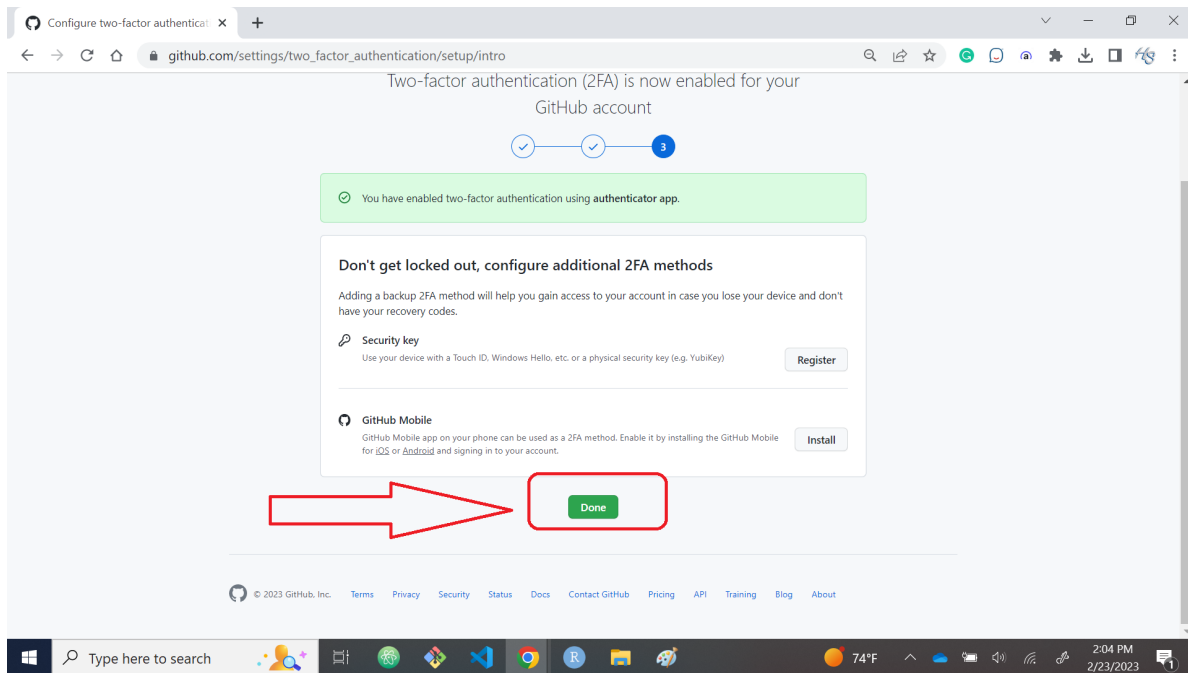


- Step 3. There are a three steps process to follow I used [Duo app](#), which I already had it installed in my phone.



- Step 4. You were askto save your recovery code in some safe place.

- Step 5. Last step, they have two options to choose, if you want to.



## Authenticating with GitHub Desktop

- You can authenticate with GitHub Desktop using your browser. For more information, see [Authenticating to GitHub](#).

## Authenticating with the API

- Personal access token
  - In limited situations, such as testing, you can use a personal access token to access the API. Using a personal access token enables you to revoke access at any time. For more information, see [Creating a personal access token](#).