**1. How to set up a new GitHub account?**

**1. Go to the GitHub Sign-Up Page**

* Open a web browser and navigate to <https://github.com/>
* Click on the **"Sign up"** button in the top-right corner of the page.

**2. Fill Out the Registration Form**

* Enter the following details:
  1. **Email Address:** Provide a valid email address and click “continue.”
  2. **Password:** Create a strong password (at least 8 characters long, including letters, numbers, and special characters) and then click “continue.”
  3. **Username:** Enter a username and click “continune.”

**3. Complete the Puzzle (Captcha Verification)**

* GitHub might prompt you to solve a small puzzle or captcha to verify you're not a bot.

**4. Enter the launch code sent to the email provided.**

**5. Verify Your Email Address**

* GitHub will send a verification email to the email address you provided.
* Open your email inbox, find the message from GitHub, and click the verification link.

**7. Log In to Your GitHub Account**

* Return to <https://github.com/> and log in using your username/email and password.

**2. How to create new GitHub repository?**

1. Log in to GitHub
2. Go to Home page.
3. Click “New”

Fill in Repository Details

3a. Repository Name: Enter a name for your repository (e.g., my-repo).

3b. Description (optional): Provide a short description of your repository.

3c. Public or Private: Choose:

* + Public: Anyone can see this repository.
  + Private: Only you and collaborators can access it.

3d.Initialize Repository (optional):

* + You can check the box to add a **README file**. This is a text file where you can write an overview of your project.
  + You can also add a .gitignore file to specify which files Git should ignore, or select a license for your project.

1. Click “Create repository”

That should do it, new repository gets created.