**GITHUB**

**Create a New Repository**

1. Log in to your account.
2. Click the + sign in the top-right corner → New repository.
3. Enter repository name.
4. Add a description (optional but recommended).
5. Choose repository type:
   * Public → visible to everyone.
   * Private → visible only to you/invited collaborators.
6. Initialize repository with:
   * README.md
7. Click Create repository.

**Clone the repository**

GitHub Desktop installed: [Download here](https://desktop.github.com/)

Logged into your GitHub account in GitHub Desktop

**Open GitHub Desktop**

1. **Go to GitHub.com** and navigate to the repository you want to clone.
2. Click the green **“Code”** button.
3. Select **“Open with GitHub Desktop”**.
4. GitHub Desktop will launch and prompt you to choose a **local path**.
5. Click **“Clone”** to begin cloning the repository to your computer.
6. Once cloned, you can:

* View files locally
* Commit changes
* Push updates back to GitHub

**🍴 Simple Forking Steps**

1. Find the repository you want to fork.
2. At the top-right of the page, click the “Fork” button.
3. GitHub will create a copy of that repository under your account.
4. You now have your own version—you can edit, push changes, and even submit pull requests to the original repo.

**🌿 Creating a Branch in GitHub**

1. **Navigate to your repository**.
2. At the top-left, near the repo name, click the **branch dropdown** (usually says main or master).
3. In the dropdown, type the **name of your new branch**.
4. Click **“Create branch: your-branch-name”**.
5. GitHub will switch you to the new branch automatically.

**References…**

Creating repository: <https://youtu.be/XOzhldeQVb4?si=JB36FCl_44M5Mrxo>

Cloning of repository: <https://youtu.be/LuyT4_bRWOM?si=koz3vYcW8SL1oPyj>

Revert the changes: <https://youtu.be/ZykFEW32Dw8?si=jp2s-0svSsPADV6c>

Creating branches: <https://youtu.be/Wbz8zM_5iCc?si=ZSzKj5zx0Lc6IylP>

(go with only 1st method)