Step 1: Set up a GitHub account

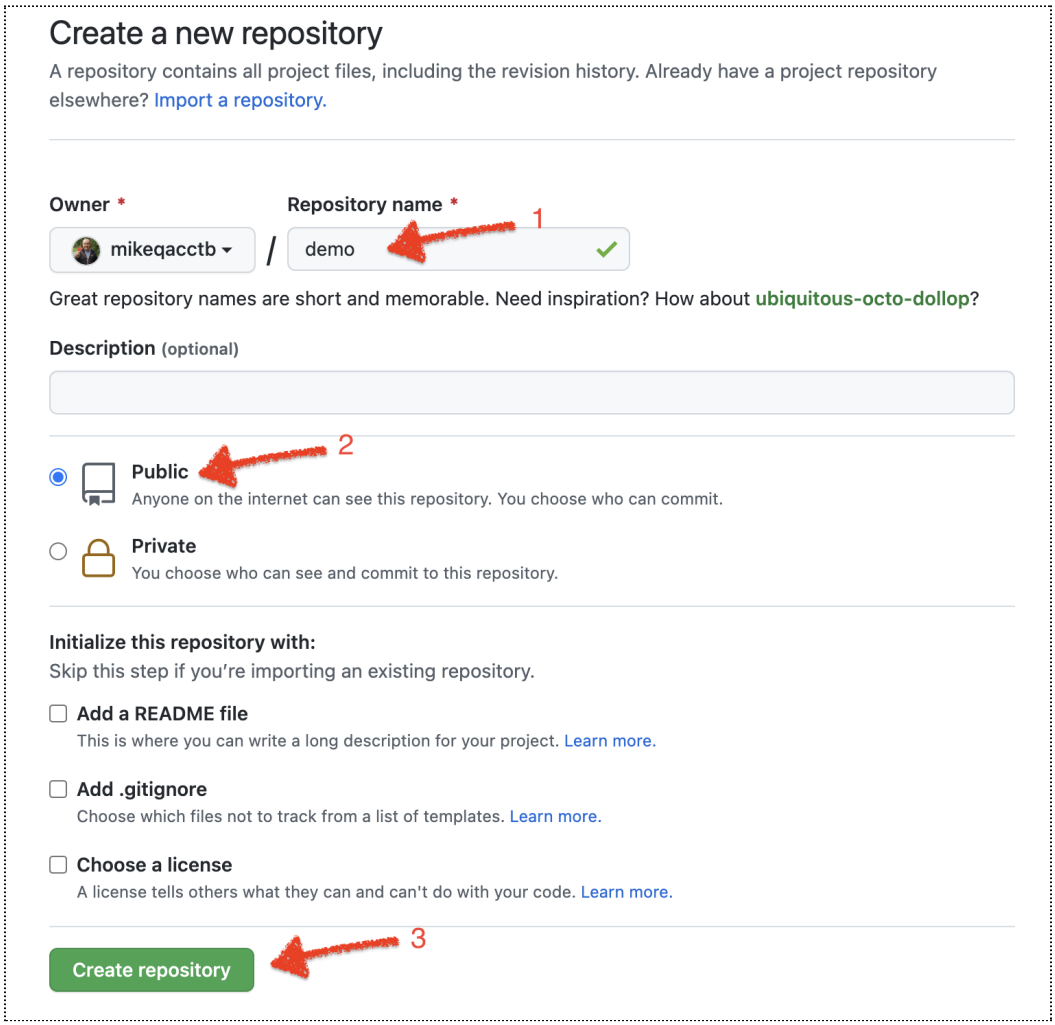
You will need a GitHub account to create a GitHub repository where the revision will be stored.

1. Go to https://github.com/signup
2. Type a user name, your email address, and a password.
3. Choose Sign up for GitHub, and then follow the instructions. You may be required to check your email and provide an access code to GitHub.

Step 2: Create a remote GitHub repository

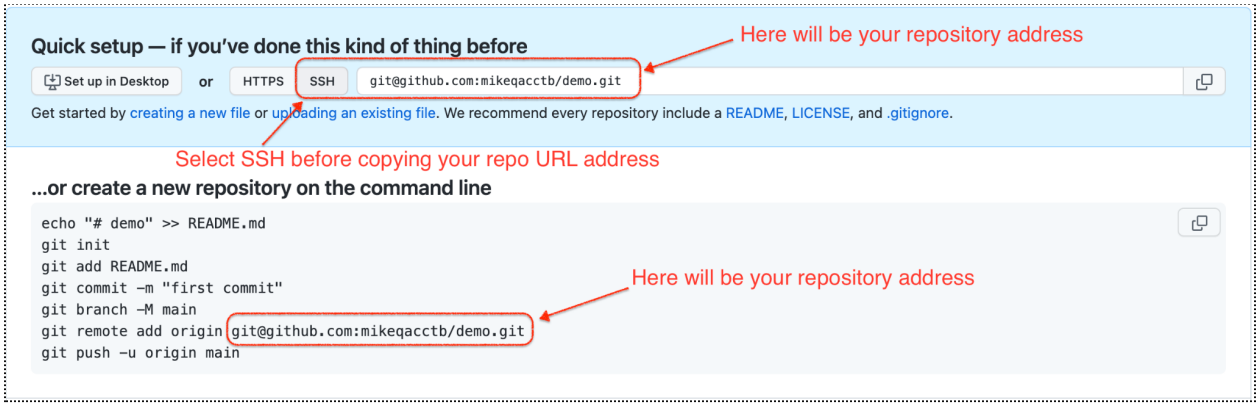
You will need a GitHub repository to store the revision.

1. On the GitHub home page, do one of the following:
    - In Your repositories, choose New repository.
    - On the navigation bar, choose Create new (+), and then choose New repository.
2. In the Create a new repository page, do the following:
    - In the Repository name box, enter the name of your repository (e.g. Demo).
    - Select Public. Selecting the default Public option means that anyone can see this repository. You can select the Private option to limit who can see and commit to the repository.
    - Choose Create repository.
    - Follow the instructions for your local machine type to use the command line to create the repository.



Step 3: Create a local git repository (on your local computer)

You will need this git repository to make all code changes locally, commit them and push to the origin (GitHub) repository in the cloud.



MacOS / Terminal:

1. On your local computer, open Terminal, do one of the following:
    - `cd Desktop`
    - `mkdir Demo`
    - `cd Demo`
    - `echo "# demo" >> README.md`
    - `git init`
    - `git add README.md`
    - `git commit -m "first commit"`
    - `git branch -M main`
    - `git remote add origin git@github.com:`*`user_name`*`/demo.git`
    - `git push -u origin main`

Windows PC / Git Bash:

1. On your local computer, open Git Bash, do one of the following:
    - `mkdir c:\temp\Demo`
    - `cd c:\temp\Demo`
    - `notepad README.md`
2. In Notepad, save the README.md file on your local computer. Close Notepad. Run the following commands, one at a time, where *`user_name`* is your real GitHub username:
    - `git init`
    - `git add README.md`
    - `git commit -m "first commit"`
    - `git branch -M main`
    - `git remote add origin git@github.com:`*`user_name`*`/demo.git`
    - `git push -u origin main`