

## 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.


### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


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Owner \*

Repository name \*

 mikeqacctb



 / 


demo 

Great repository names are short and memorable. Need inspiration? How about [ubiquitous-octo-dollop?](#)

Description (optional)

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☒  Public 

☐  Private

Anyone on the internet can see this repository. You choose who can commit.

You choose who can see and commit to this repository.

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**Initialize this repository with:**


Skip this step if you're importing an existing repository.

☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**  
Choose which files not to track from a list of templates. [Learn more.](#)

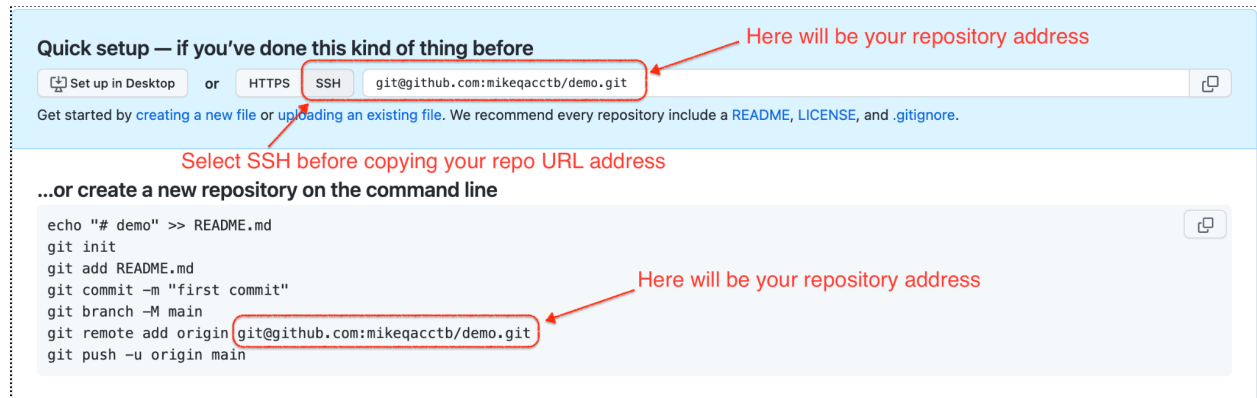
☐ **Choose a license**  
A license tells others what they can and can't do with your code. [Learn more.](#)

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Create 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`