# Module 2: Working with Git Repositories

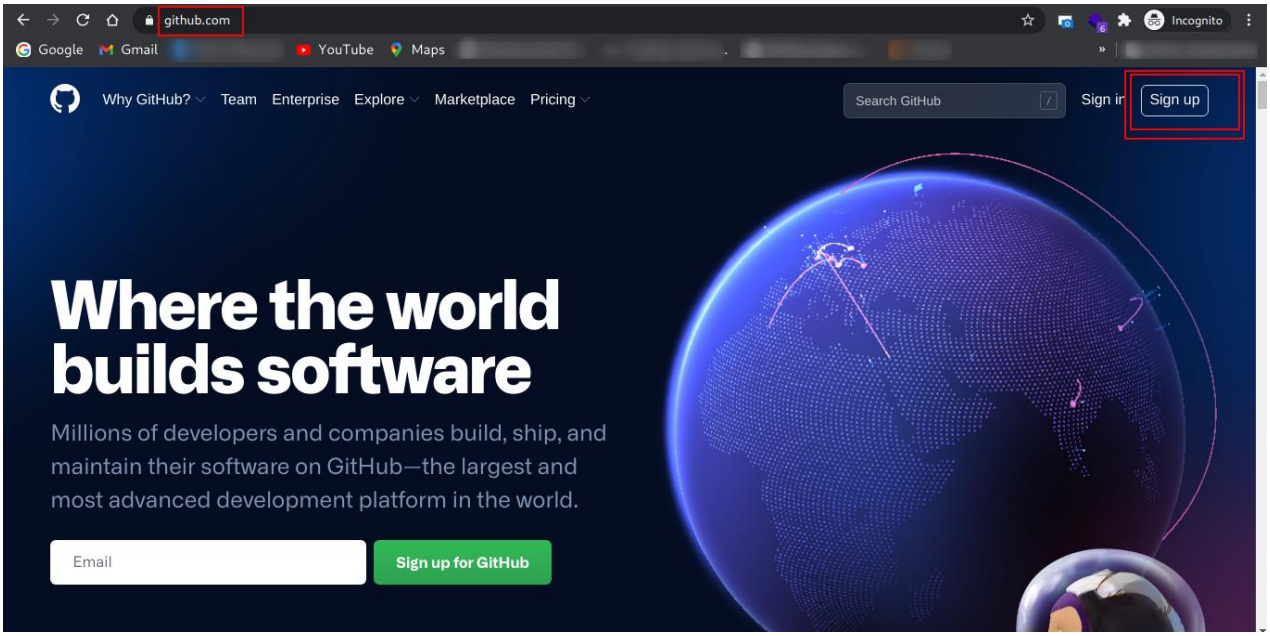
## Demo 1: Demo on GitHub Setup

**Problem Statement:**

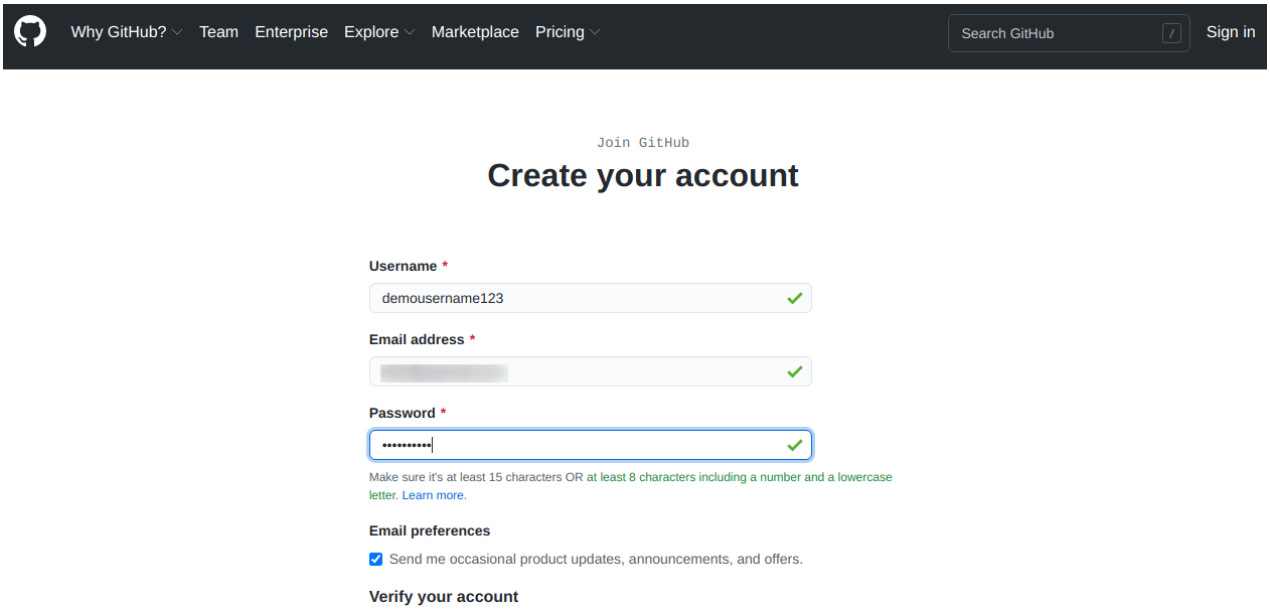
How we work on GitHub.

**Solution:**

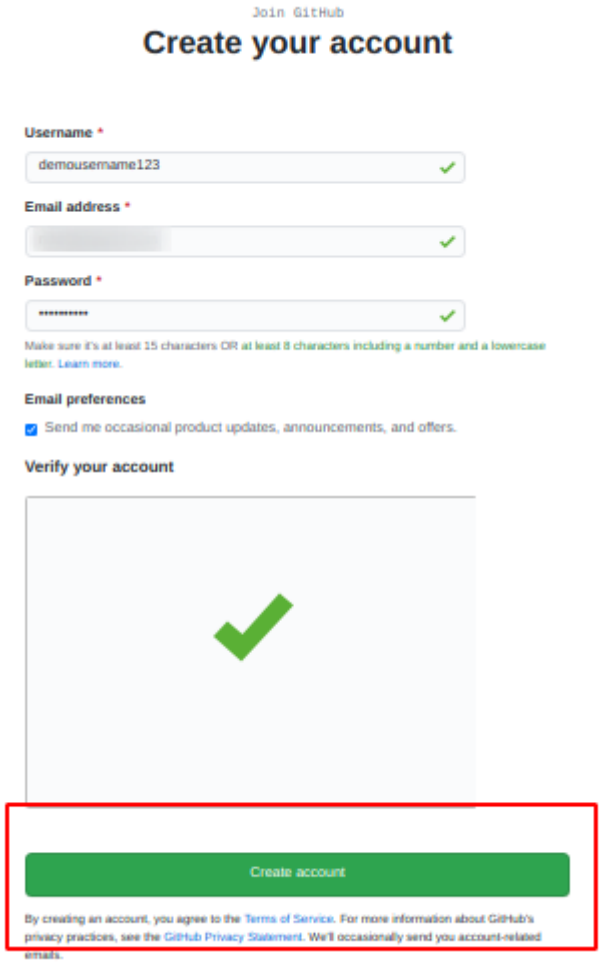
Step 1: In this demo, we are creating our account on GitHub. For that you must go on https://www.github.com/ . After that click on the signup button.




Step 2: Create account form appeared, enter your username (which you want to use as your GitHub username), enter your email address (which you want to use as GitHub account) and then enter your password (it should be unique and complex), and after all this click on verify your account.

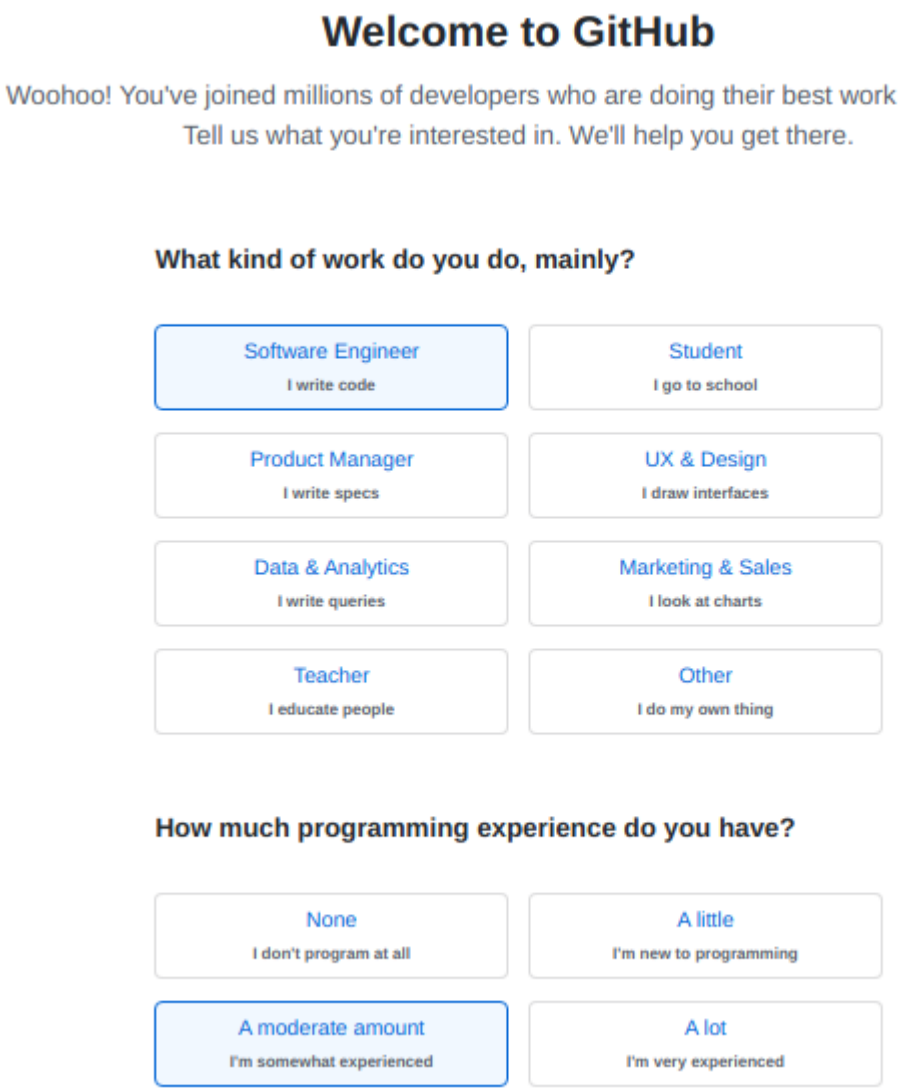



Step 3: After completing all the steps click on “create account”.

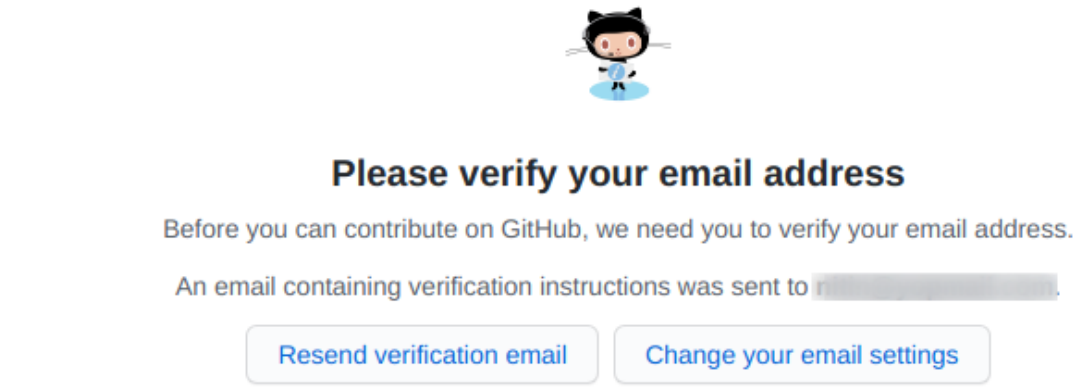



Step 4: After creating your account, you got a welcome page in which you got options “**What kind of work do you do, mainly?”, “How much programming experience do you have?”, “What do**

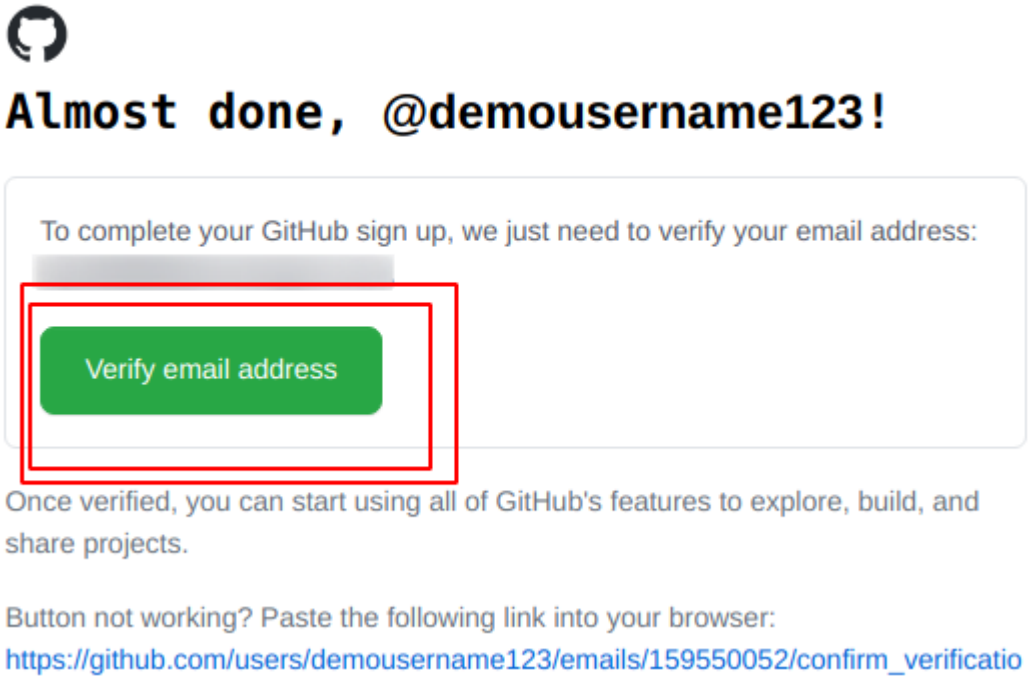
**you plan to use GitHub for?"** and **"I am interested in:"** options, after completing this answer click on "next step".



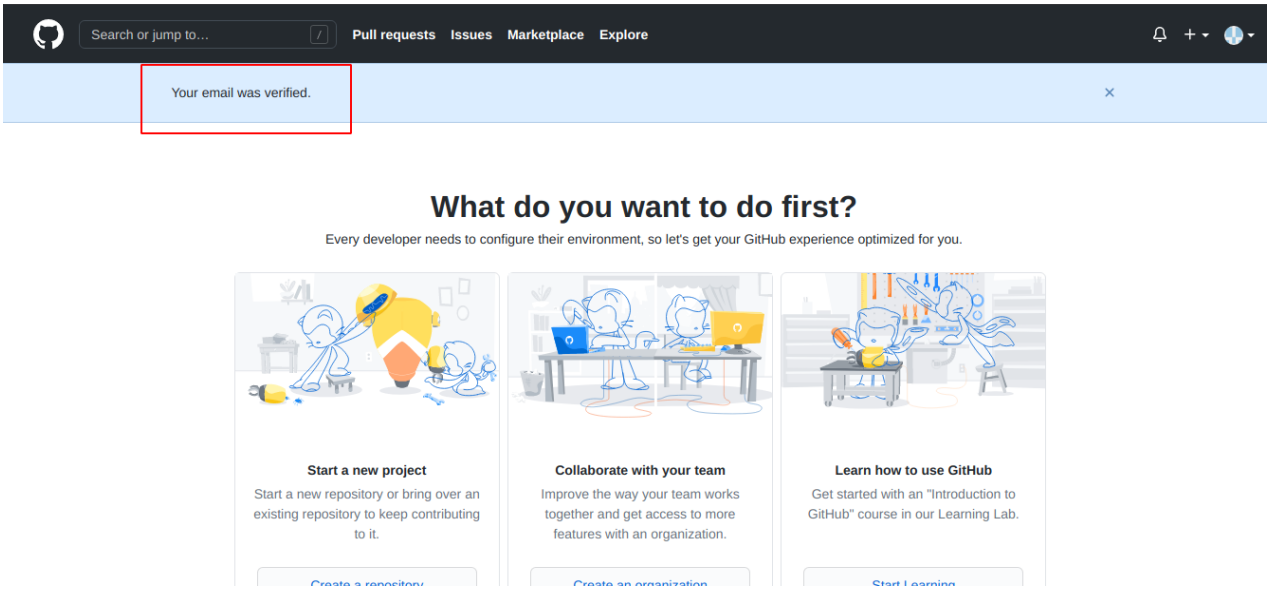

Step 5: In this step you must verify your email address by opening and verify the verification email sent by GitHub to you.



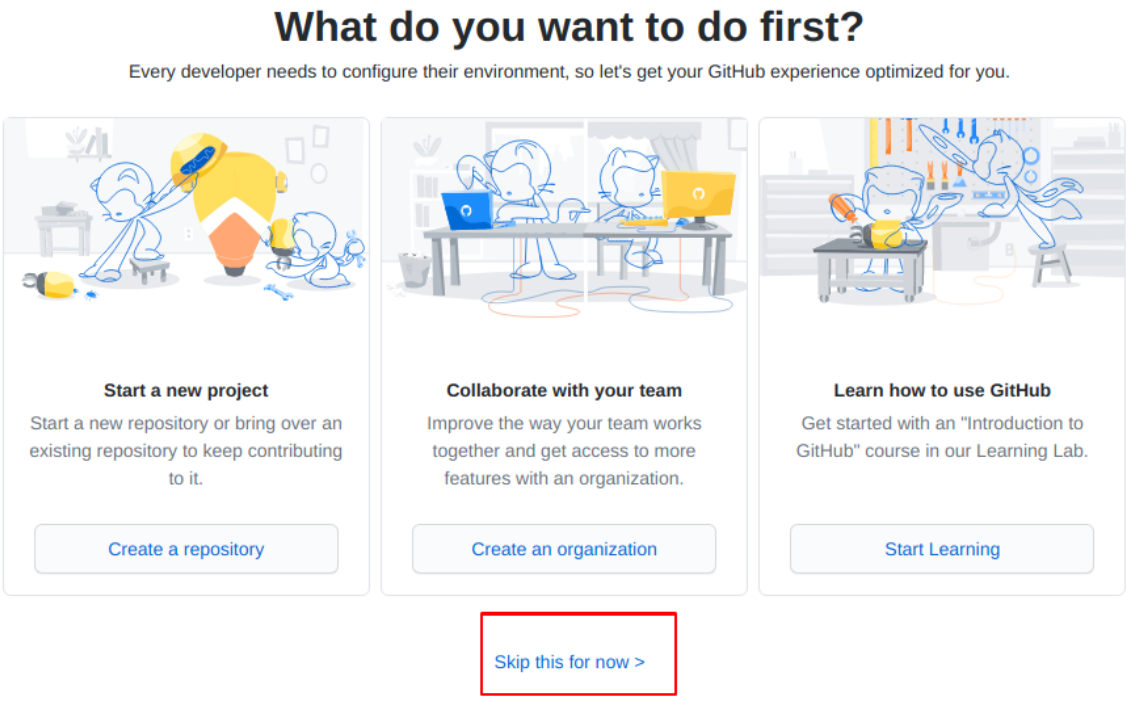

Check your email, open GitHub mail, and then click on “verify email address”.



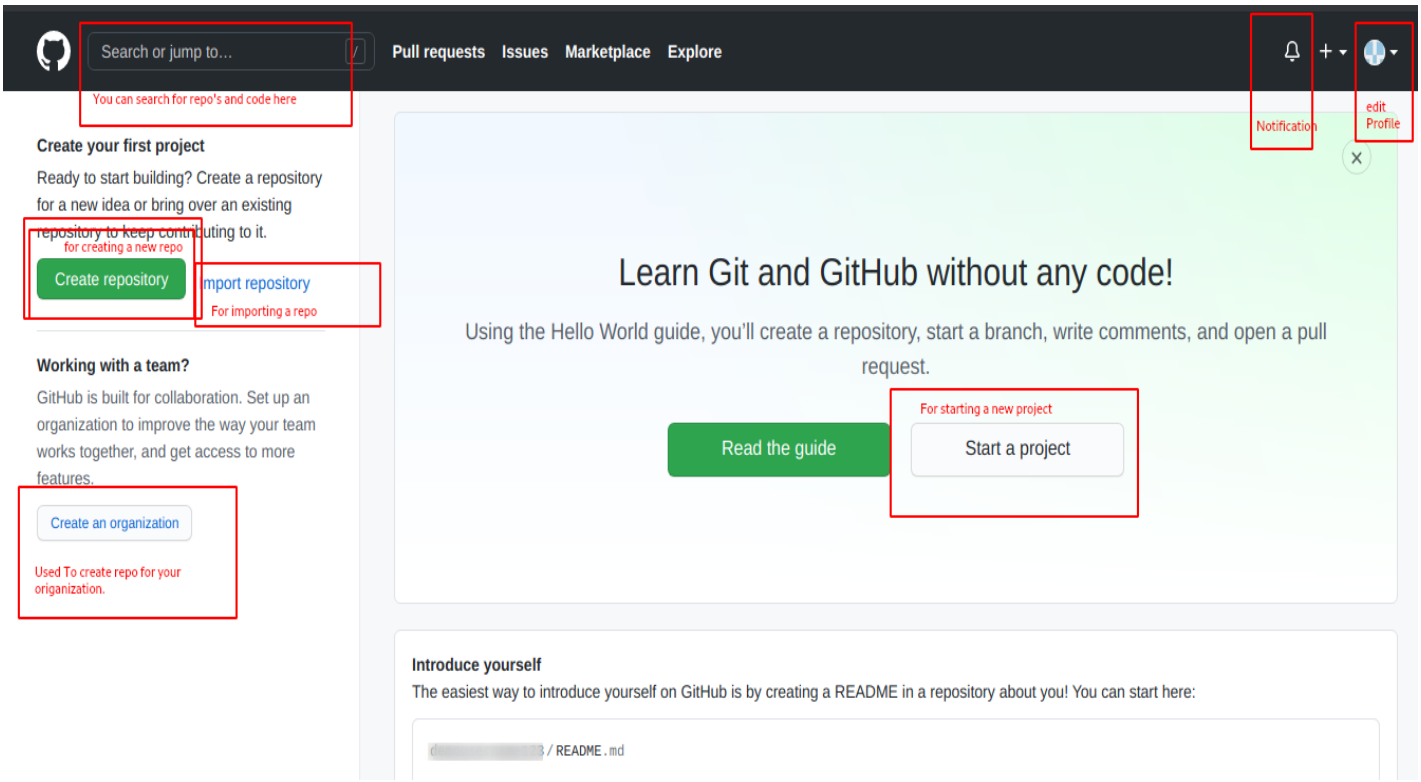

verification is completed as you can see on your GitHub dashboard.



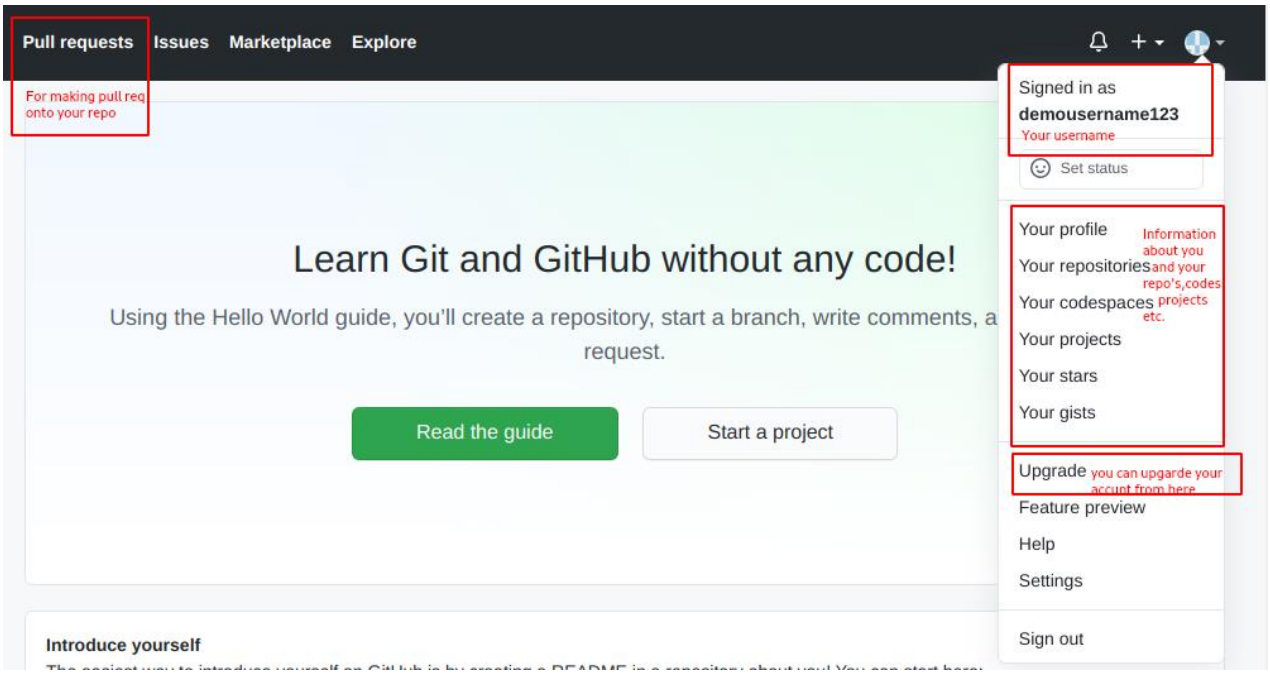

Step 6: Now you can see here there are several options, like **“Start a new project”, “Collaborate with your team”, “Learn how to use GitHub”,** By scrolling down you get an option of **“Skip this for now”** click onto it.



after clicking onto this, you got your GitHub dashboard in which you get several options there, let us have a look into this.



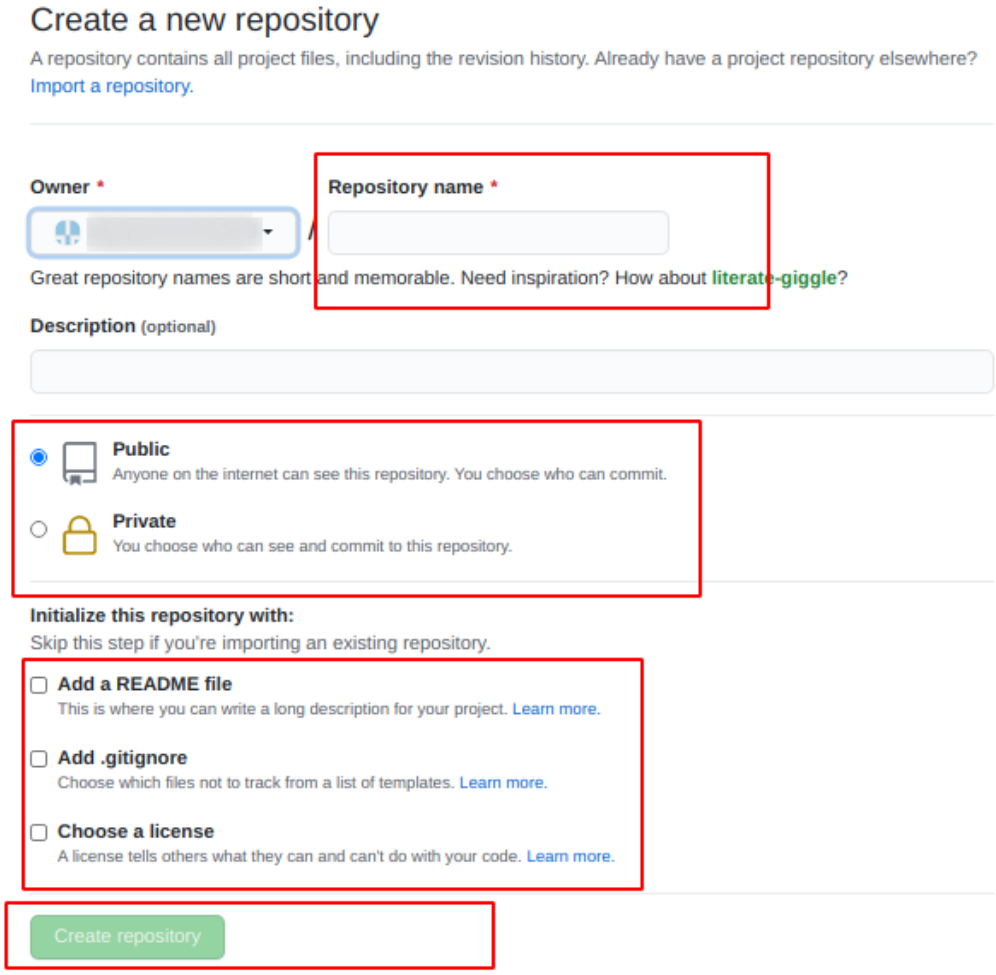

on the right side we have, Several other options like,



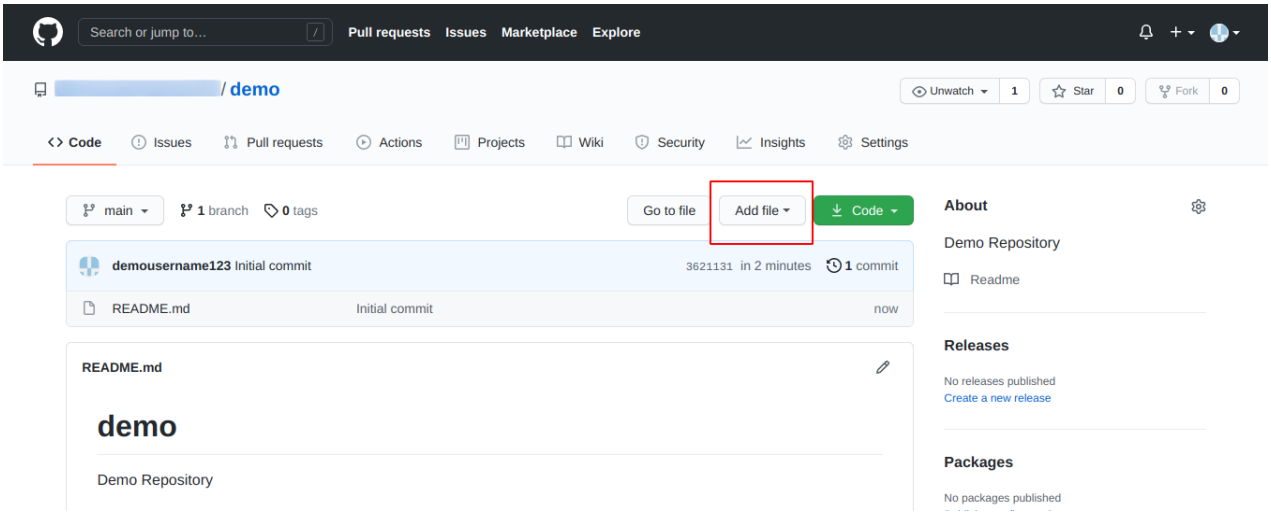

Step 7 : Let's create our first Project click on "**Start a Project**", after that you got onto a web page which will ask you for your "**Repository Name**" , "**Description**" and there are two options also

**Public** and **Private** to make your repository public or private(public is accessible by all but private is only you can see it), There are other options also , like **add a README File** , **add .gitignore** and **choose a license** .

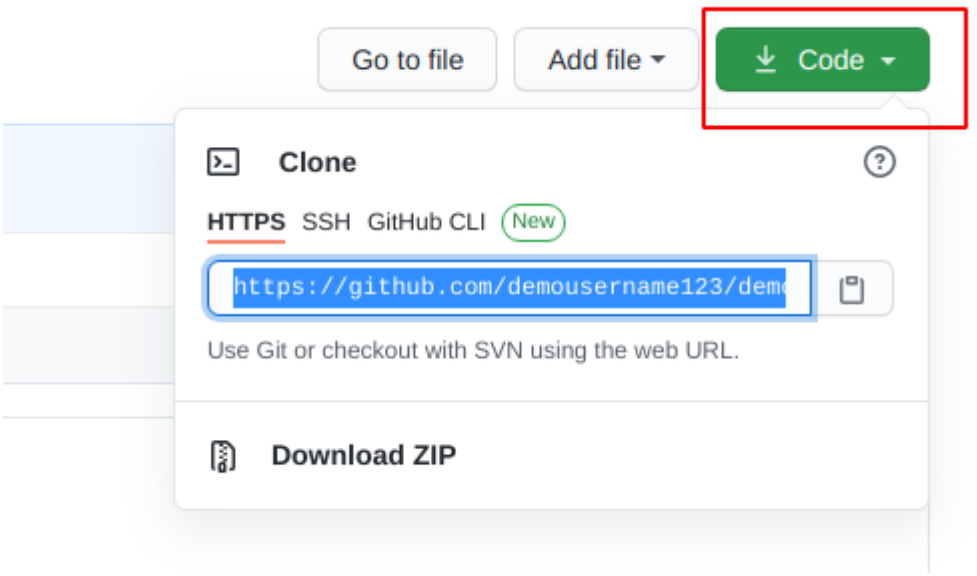
After completing these steps click on "Create Repository", and your first repository created here.




After clicking on "**creating repository"**, You can see you got your repository created here, you can add file here by clicking on "**Add File**".

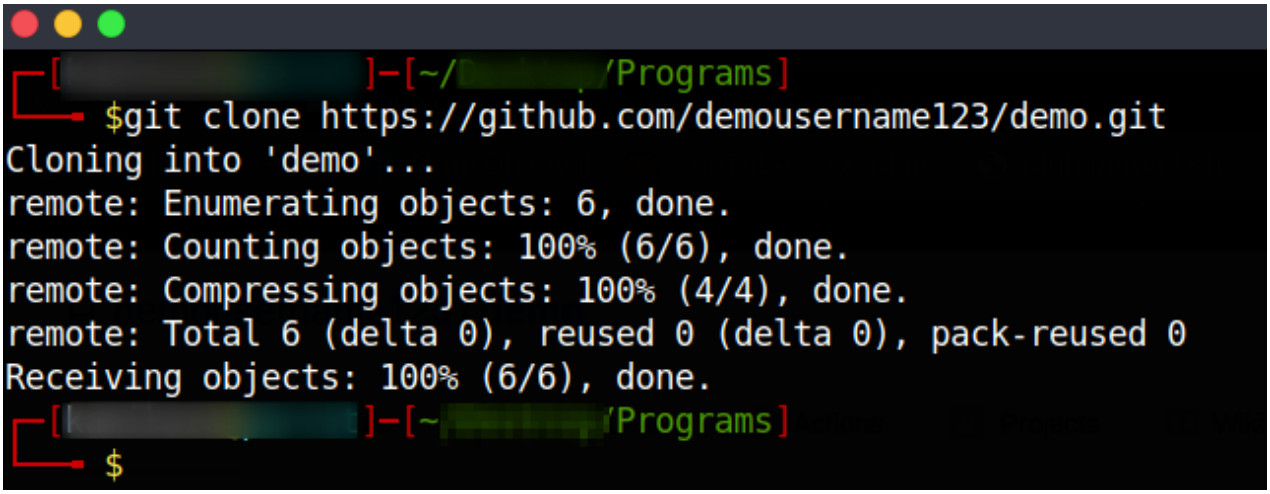



Step 8: I committed a file into my git repository. Let us get this file into our local system, using the *git clone* command. You get the link of that repository by clicking on **"code". Here** you got a link for your GitHub repository which you want to clone into your local system.



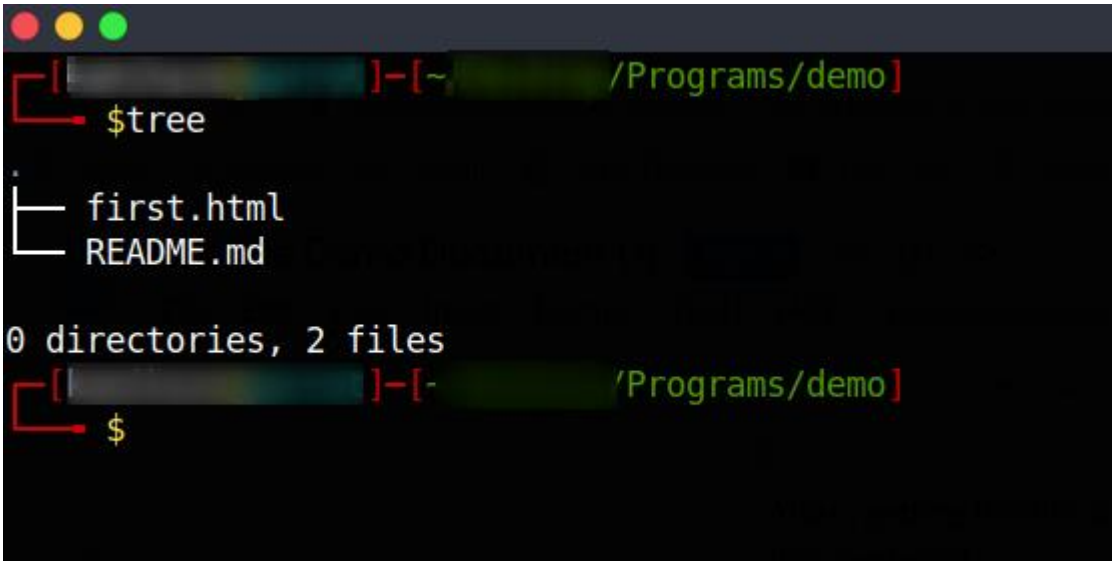

After, getting this link open your Git Bash onto that folder in which you want to clone this file. and use command:

Command Used: git clone link_of_git_repo_you_want_to_clone

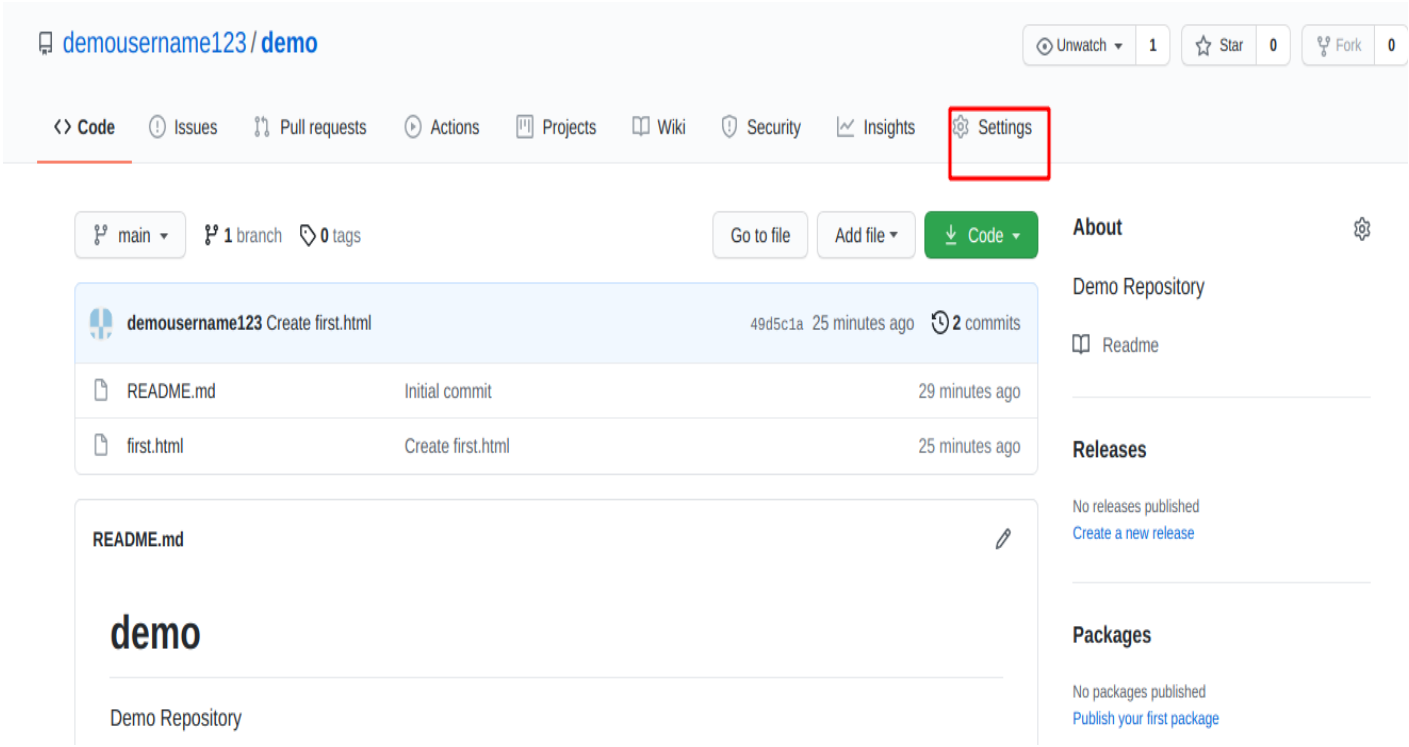



Step 9: Let us check whether the repository got cloned or not you can use some of the basic commands for listing like ls in Linux and dir in windows. You can also use the tree command here if you are using bash.

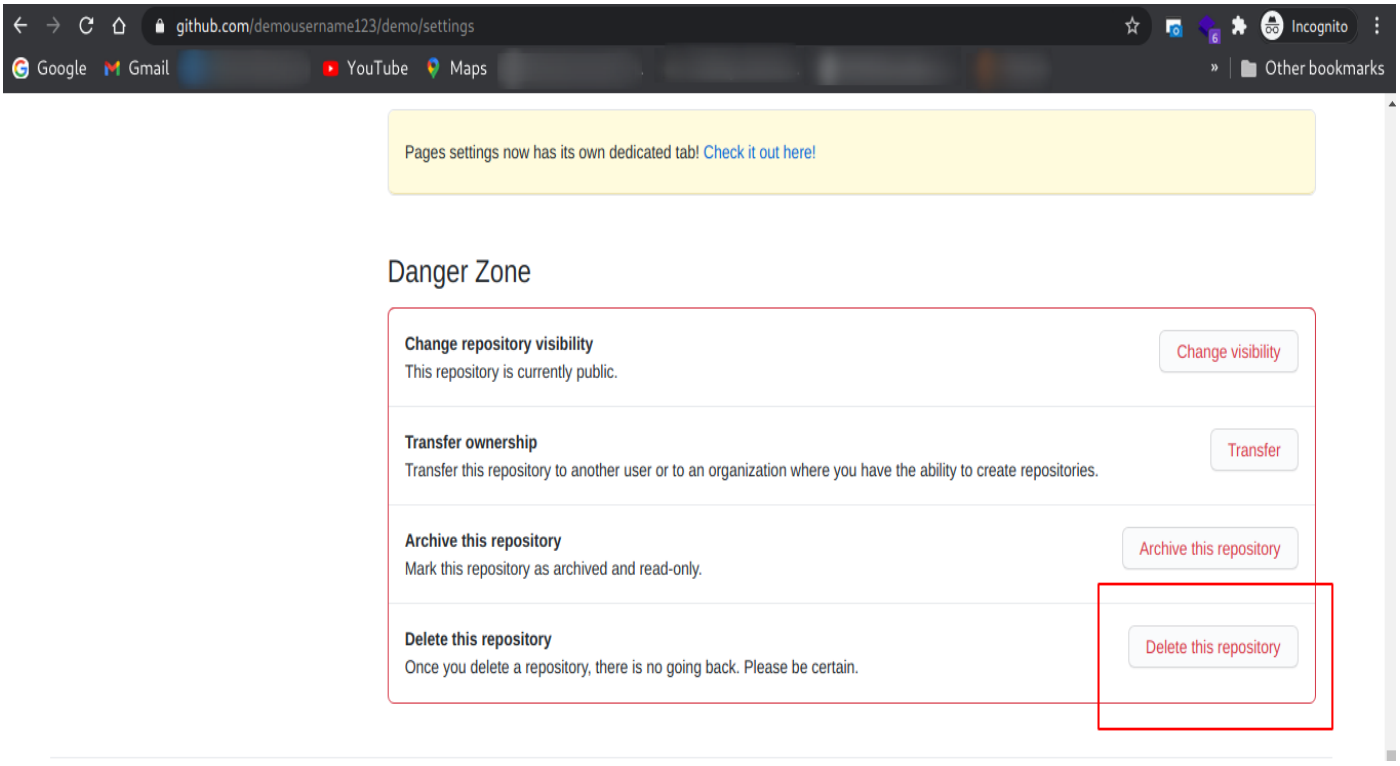
command used: ls (in Linux), dir (in windows)



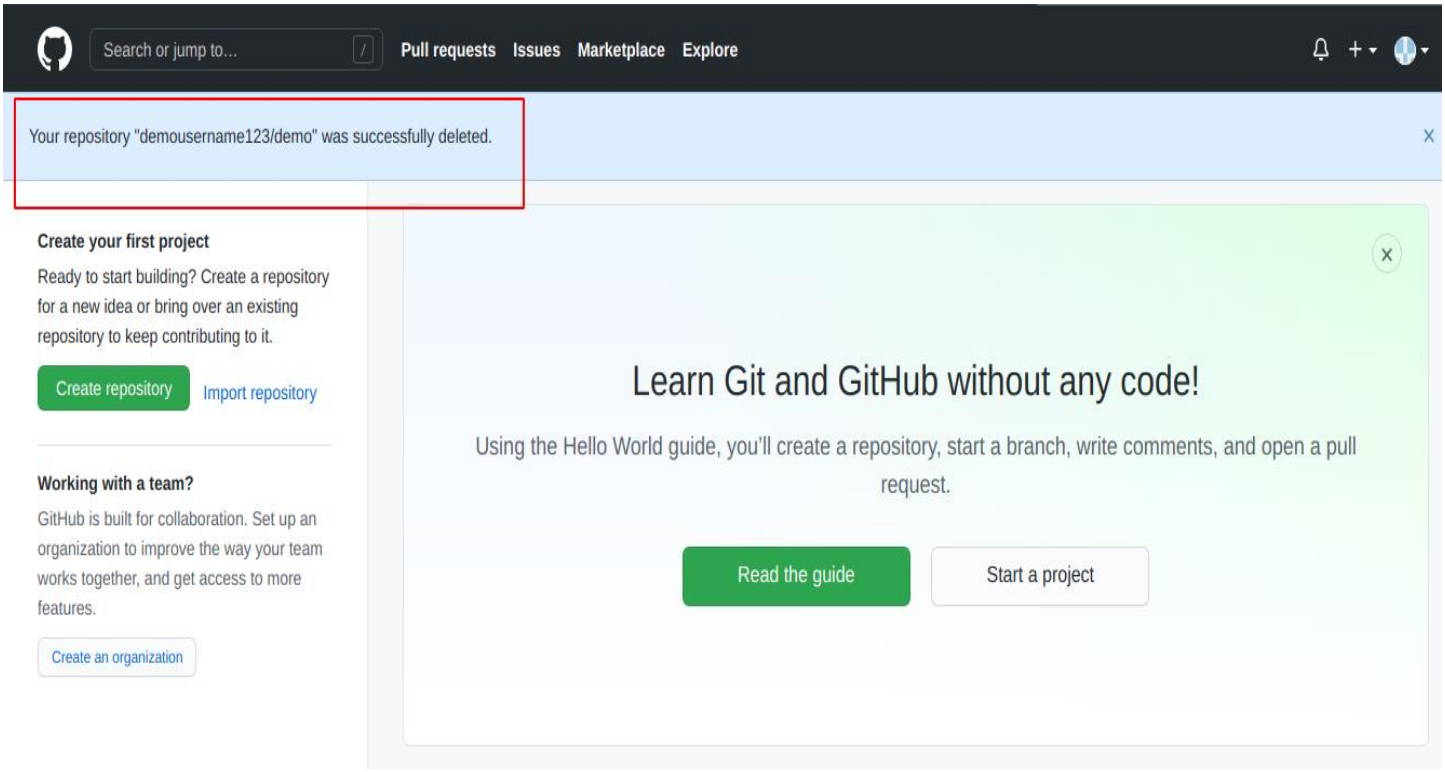

Step 10: Let us delete this repository, for deleting any repository click on **“settings”** option.




Step 11: After clicking on "**Settings**", Go through the page and scroll down to the page, you got an option of "**Delete this repository**".




Step 12: After completing the last step you will see that your repository gets deleted.


Search or jump to...
Pull requests
Issues
Marketplace
Explore
Your repository "demousername123/demo" was successfully deleted.
Create your first project
Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.
Create repository
Import repository
Working with a team?
GitHub is built for collaboration. Set up an organization to improve the way your team works together, and get access to more features.
Create an organization
Learn Git and GitHub without any code!
Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.
Read the guide
Start a project