

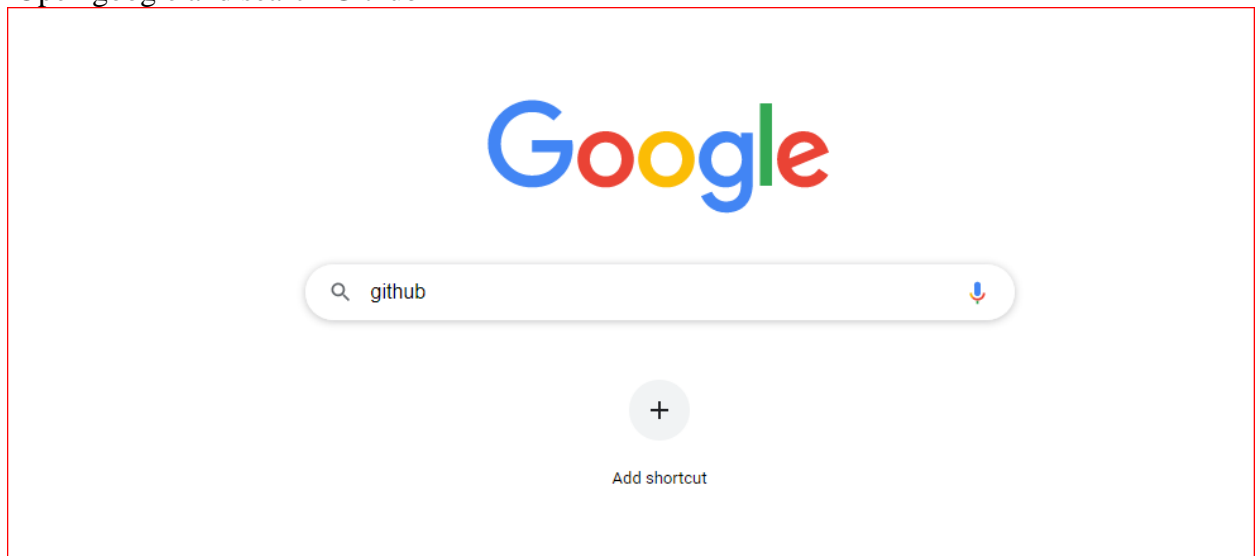
Practical 2 : Creating account,repository on Github and cloning repository in Github

1) What is GitHub?

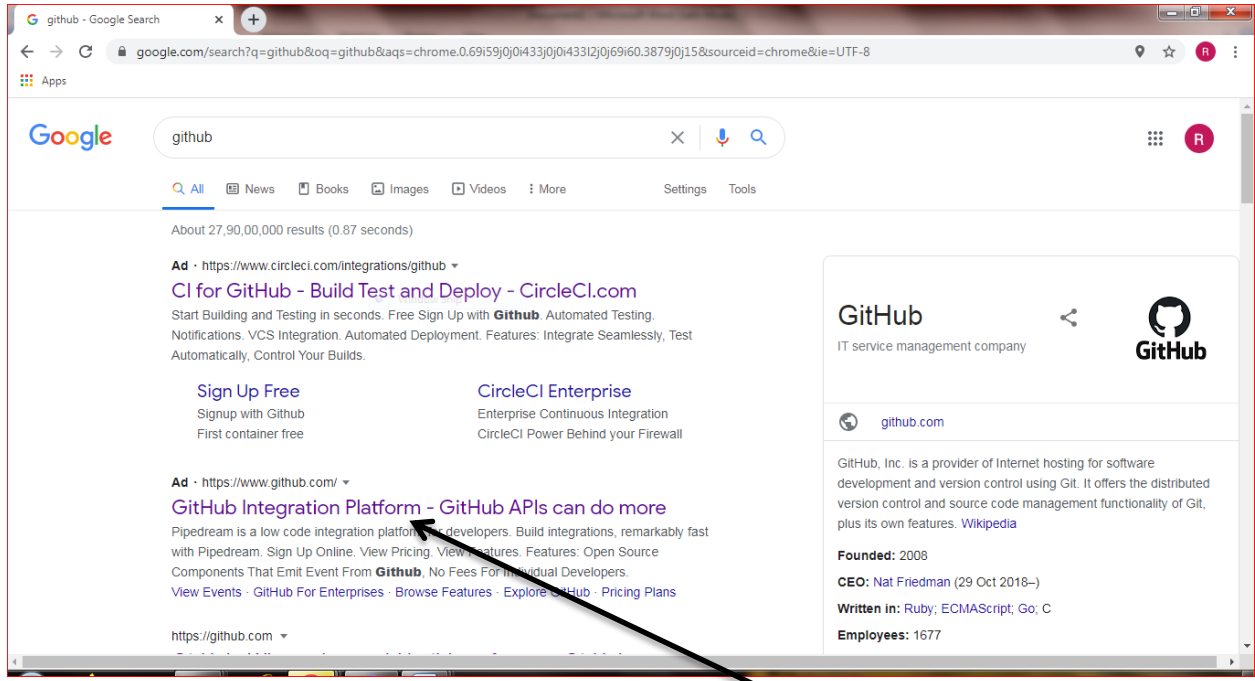
GitHub, Inc. is a provider of Internet hosting for software development and version control using Git. It offers the distributed version control and source code management (SCM) functionality of Git, plus its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, continuous integration and wikis for every project. Headquartered in California, it has been a subsidiary of Microsoft. GitHub offers its basic services free of charge. Its more advanced professional and enterprise services are commercial. Free GitHub accounts are commonly used to host open-source projects. As of January 2019, GitHub offers unlimited private repositories to all plans, including free accounts, but allowed only up to three collaborators per repository for free. Starting from April 15, 2020, the free plan allows unlimited collaborators, but restricts private repositories to 2,000 minutes of GitHub Actions per month. As of January 2020, GitHub reports having over 40 million users and more than 190 million repositories (including at least 28 million public repositories), making it the largest host of source code in the world.

a) To open github

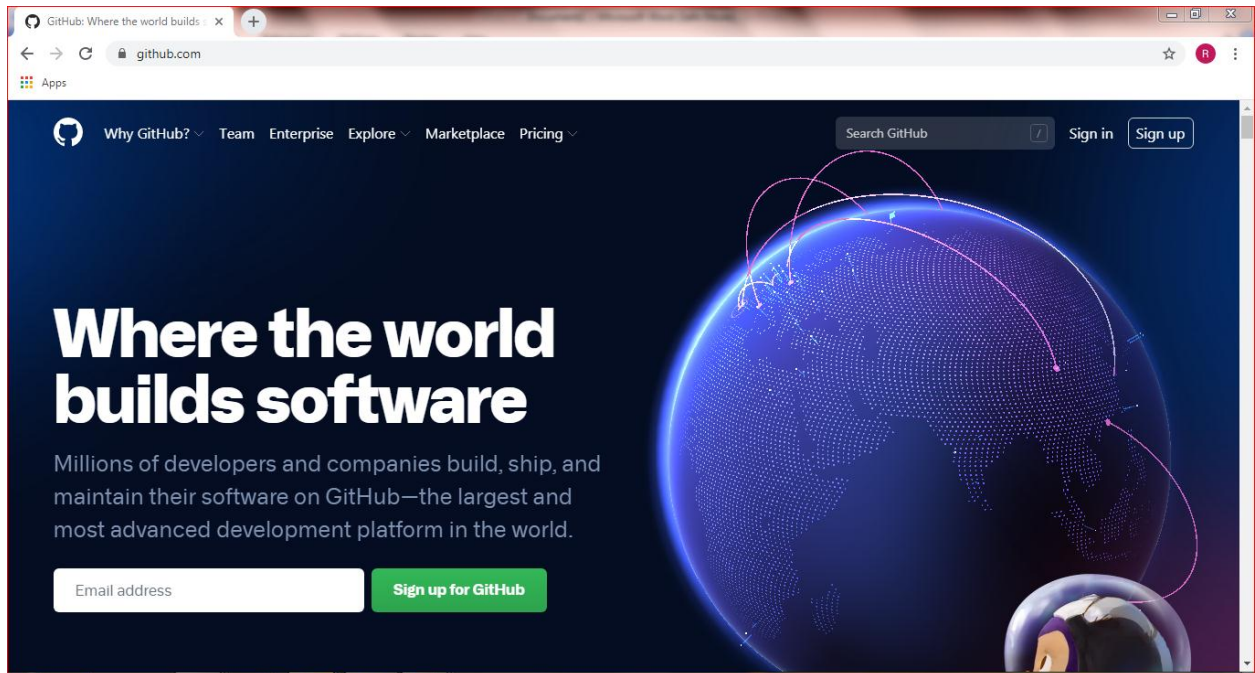
Open google and search Github



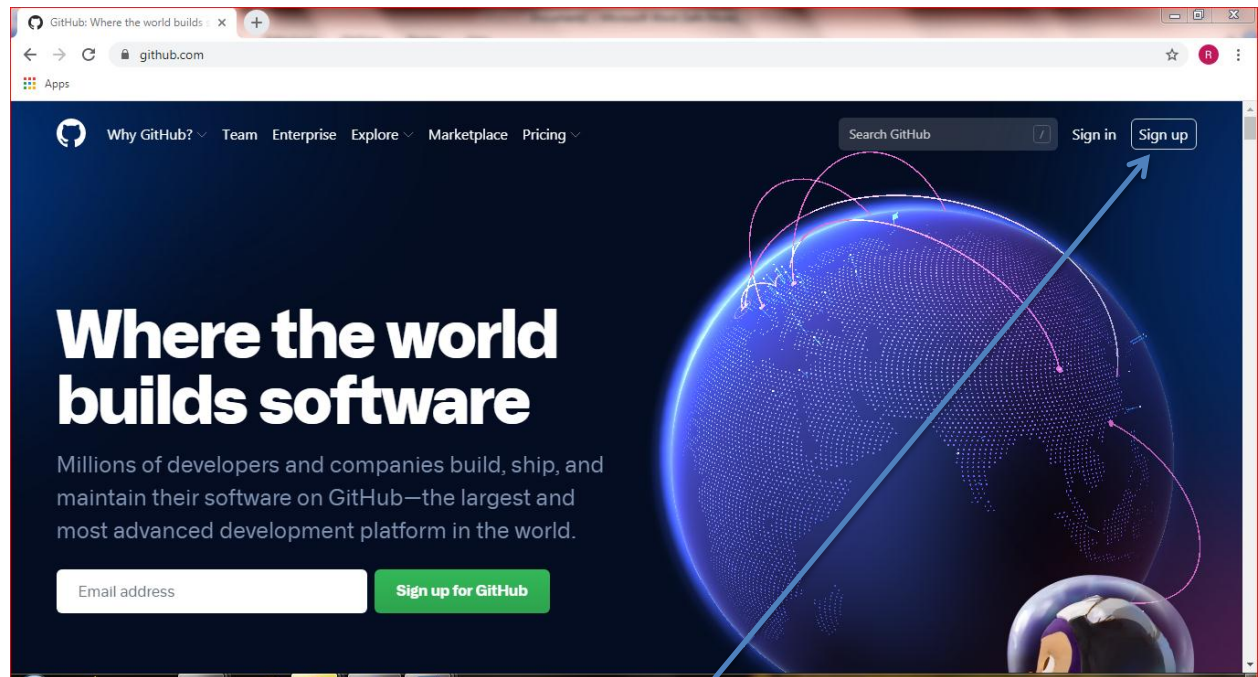
Click on the official website of Github



Official page of Github will open



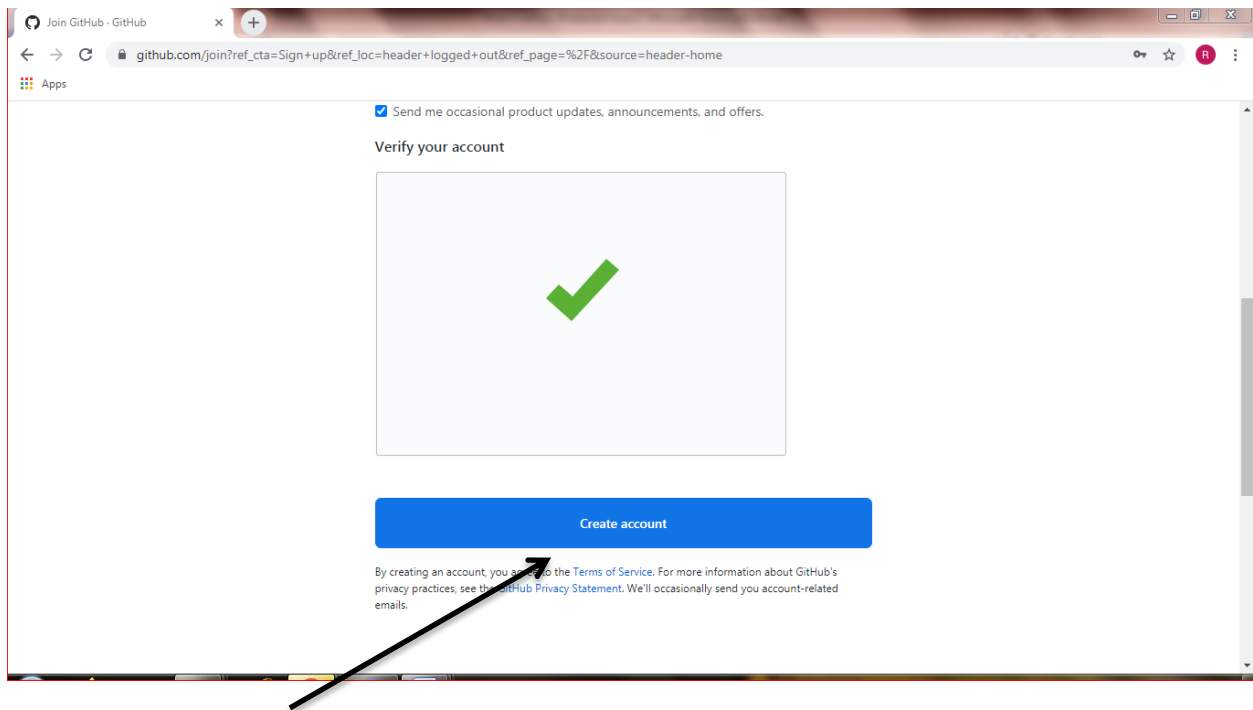
- a) To create account on github
click on the sign up



Then fill your detail in given blanks

A screenshot of the GitHub 'Create your account' page. The page has a white background with a large heading 'Create your account'. Below the heading are four input fields: 'Username' with the value 'roshnisingh-23', 'Email address' with 'rajeshsingh200371@gmail.com', and 'Password' with masked characters. Each field has a green checkmark to its right. Below the password field is a note about password requirements and a 'Learn more' link. There is a section for 'Email preferences' with a checked checkbox for receiving updates. At the bottom, there is a 'Verify your account' section with a large green checkmark.

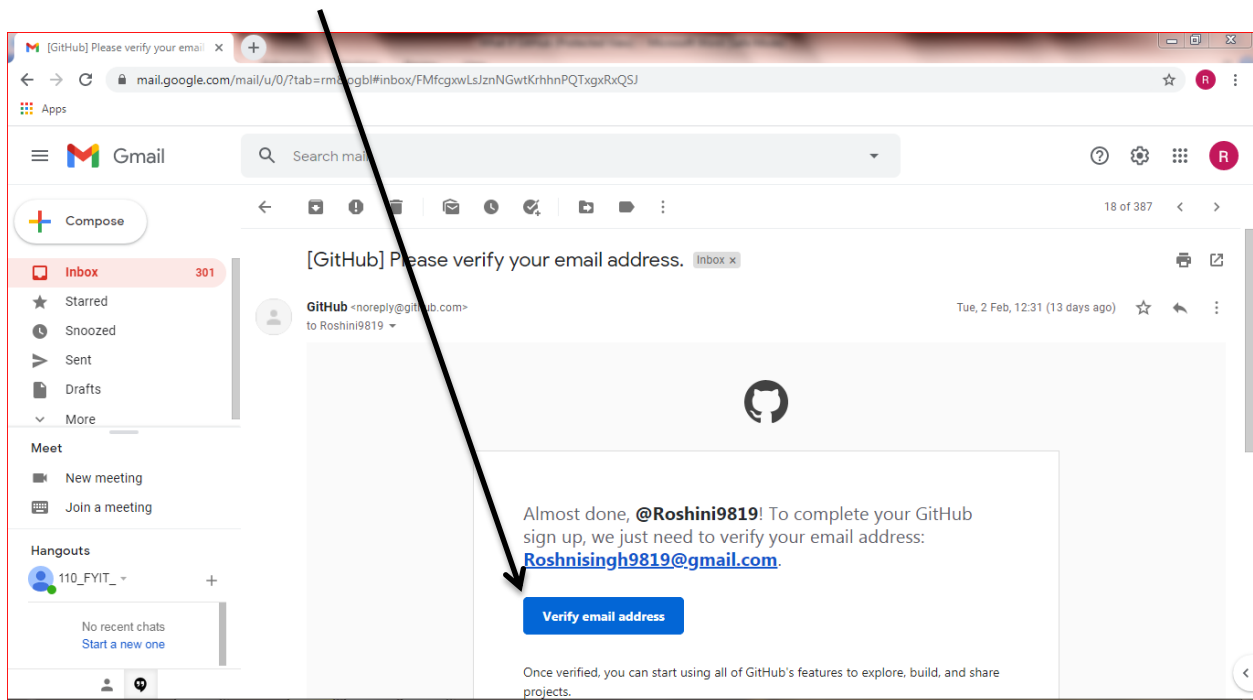
Then verify the captcha



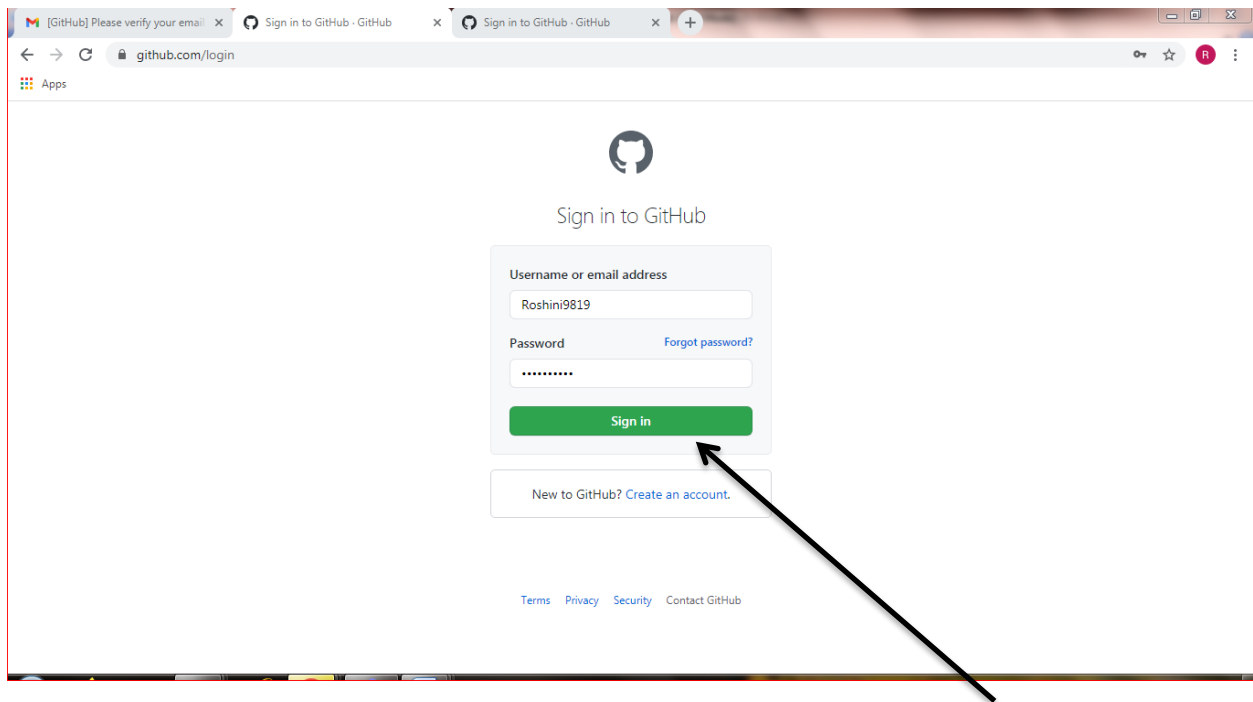
Then click on create account

Now, a verification email will be send to your mail address

Go to mail click on the verify email address

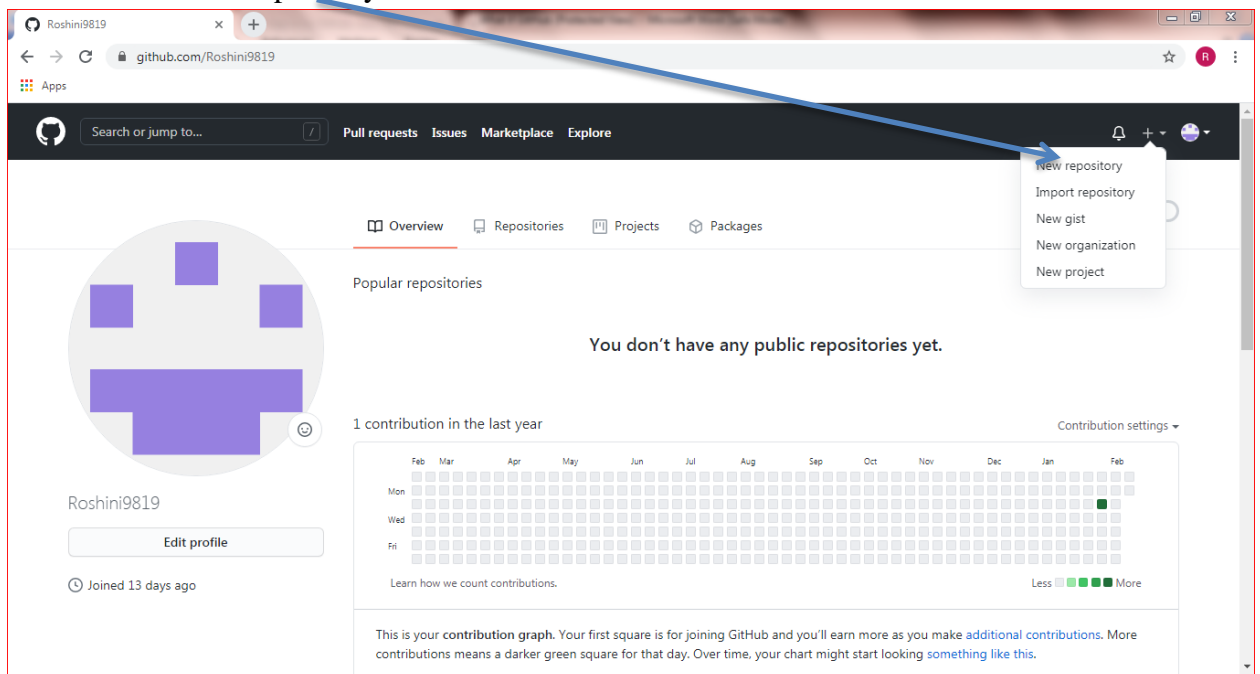


Then sign in to your account



a) To create repository

Go to your account On right hand side there is a '+' option click on it
And click on new repository



Name your repository

Create a New Repository

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

Owner * Roshini9819 / Repository name * IT TOOLS ✓

Great repository names are short, lowercase, and contain only hyphens. Your new repository will be created as IT-TOOLS. about super-duper-robot?

Description (optional)

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

☐ Private
You choose who can see and commit to this repository.

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

☐ Add a README file

Click on the create repository

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

☐ Private
You choose who can see and commit to this repository.

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.](#)

This will set `main` as the default branch. Change the default name in your [settings](#).

[Create repository](#)

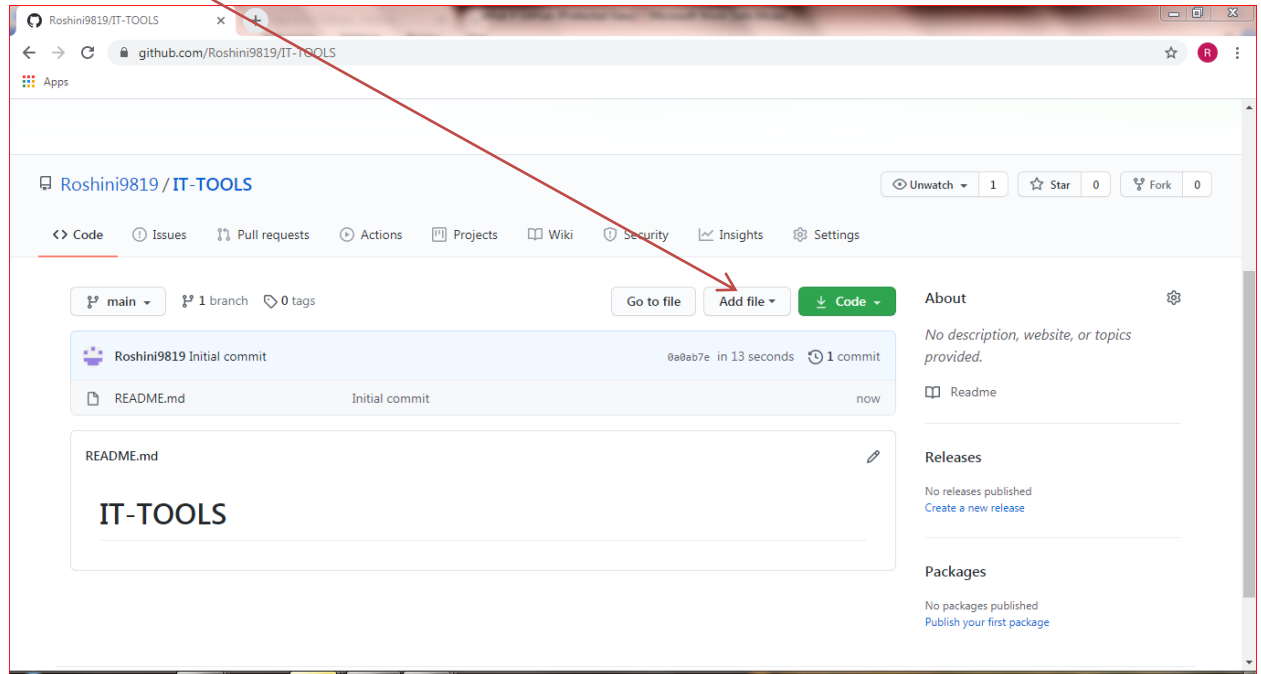
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Now your repository is been created...

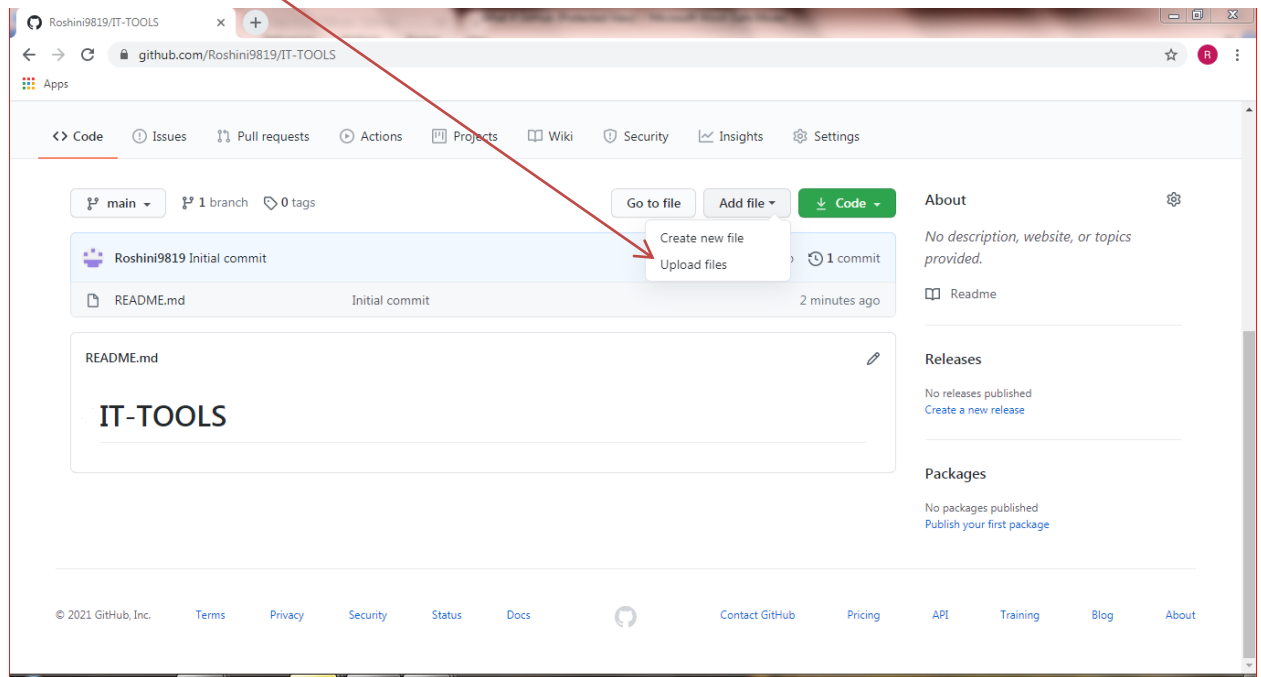
To add file Now to add an file in your repository

Go to your repository

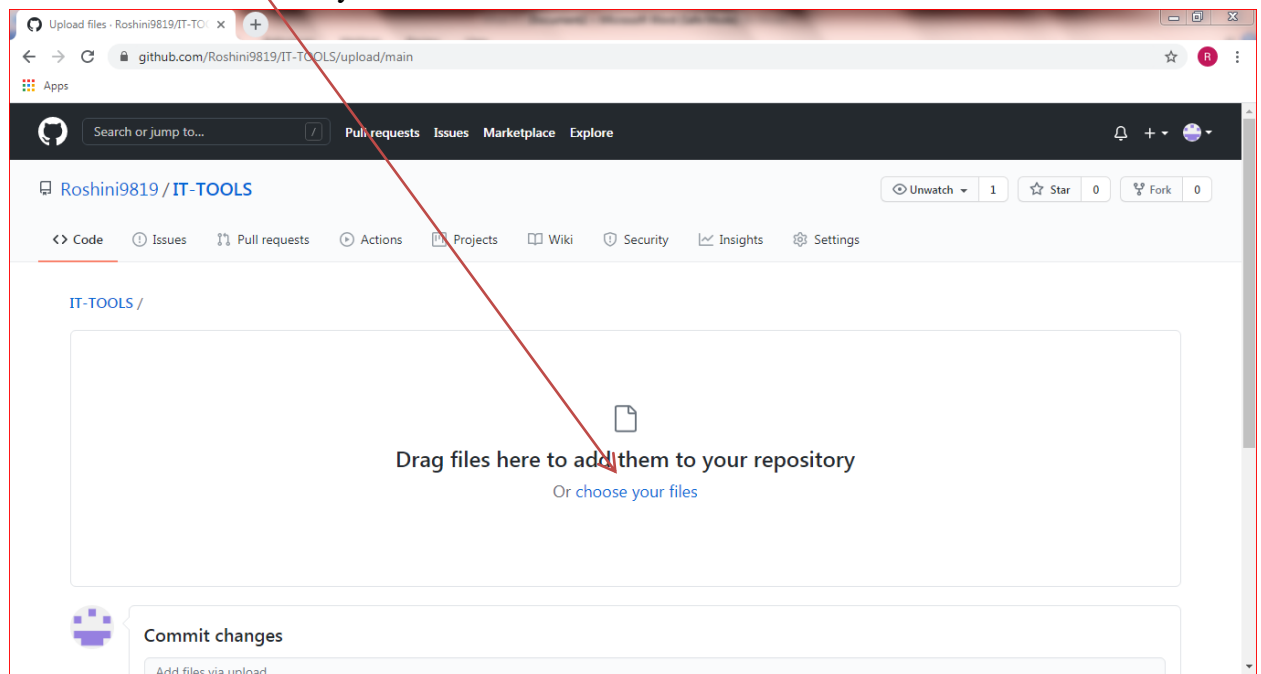
Click on add file



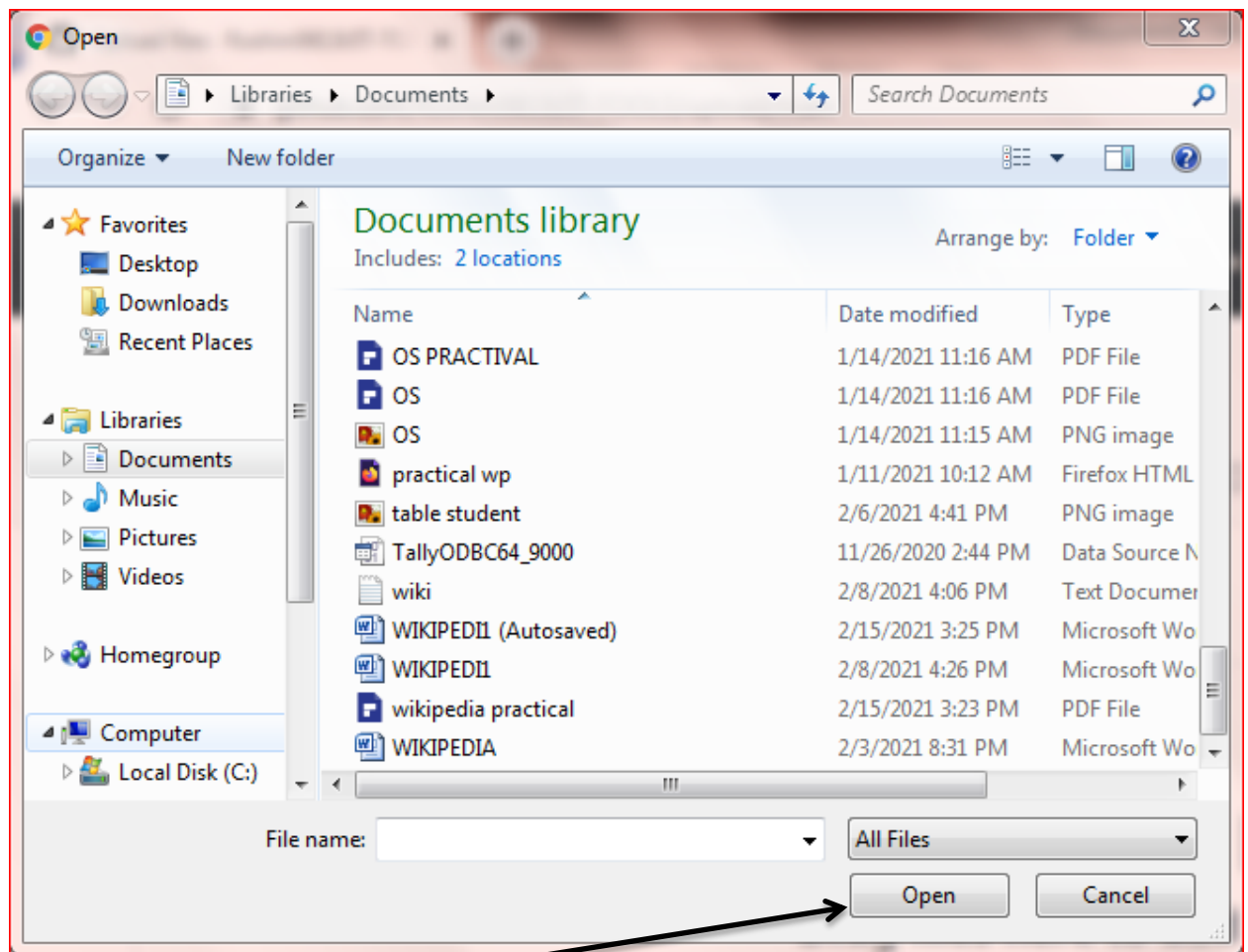
Click on add file
Then click on upload file



Then click on the choose your file



Then choose your file from the folder

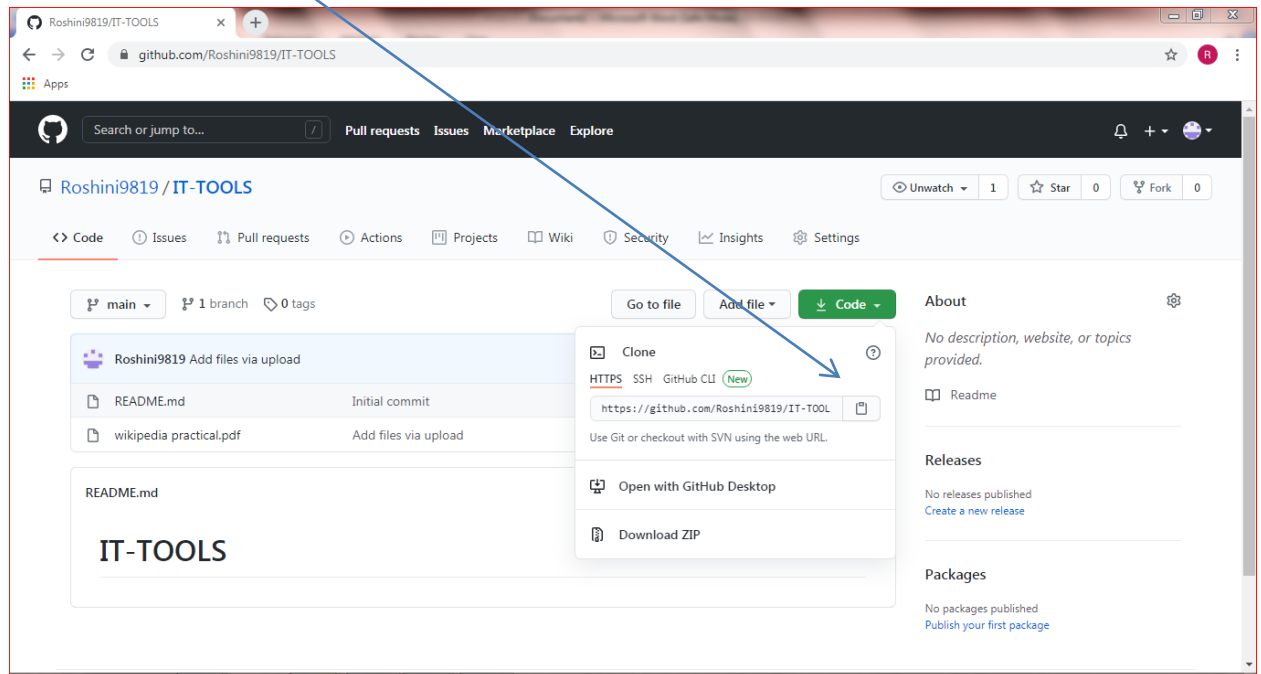


Then click on open

Now click on the commit changes

And your file is been uploaded properly

Now click on code and click on the copy option to copy link



Now your repository is been cloned.

Now share the link to anyone.