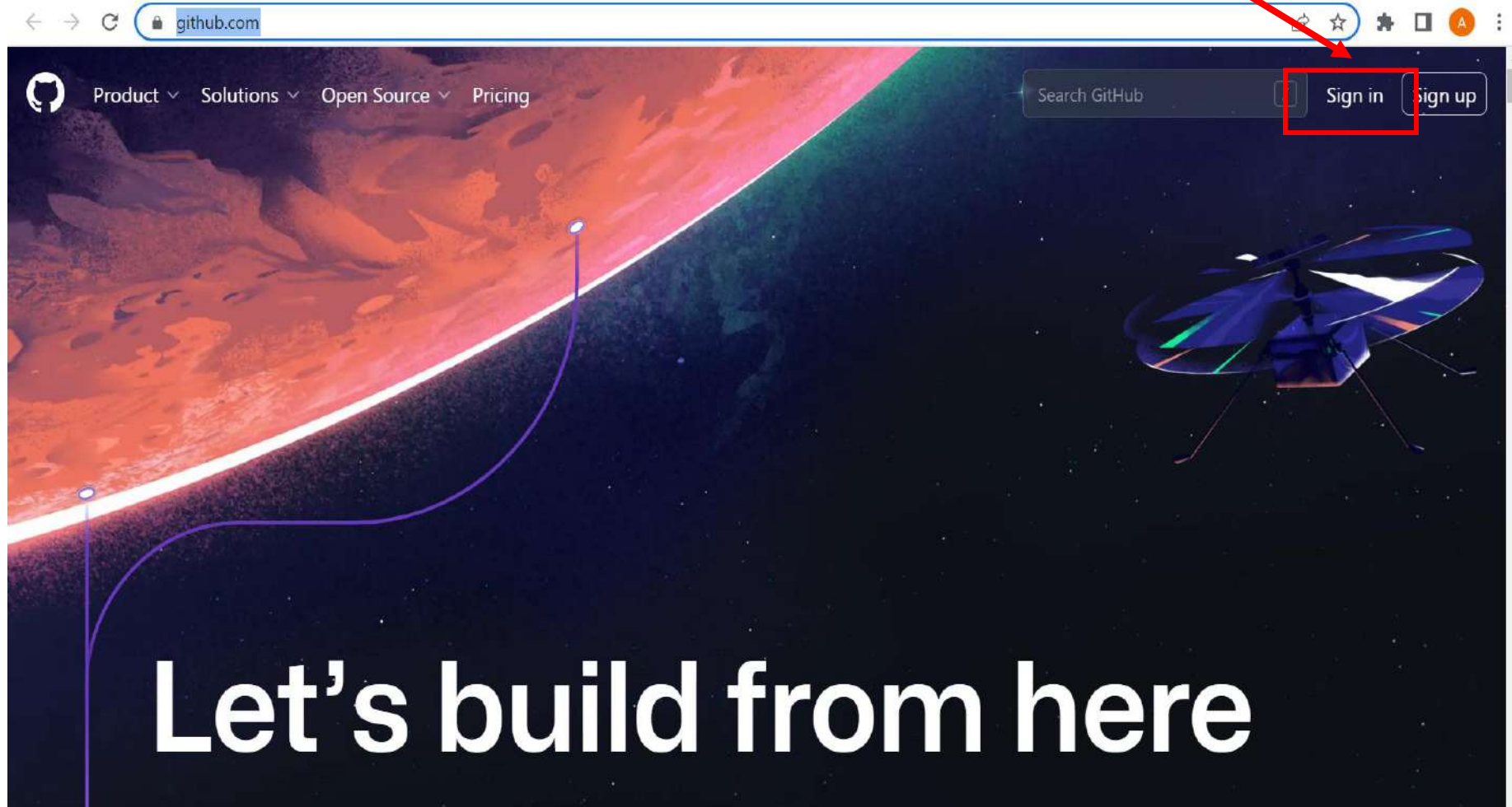


# **Steps for GitHub Registration, GitHub Installation & Accessing the Data**


# GitHub Registration

# Git Hub Registration

**Step 1** - You have to go to the link – <https://github.com> and click on sign in



## Step 2 - Click on Create Account



Sign in to GitHub

Username or email address

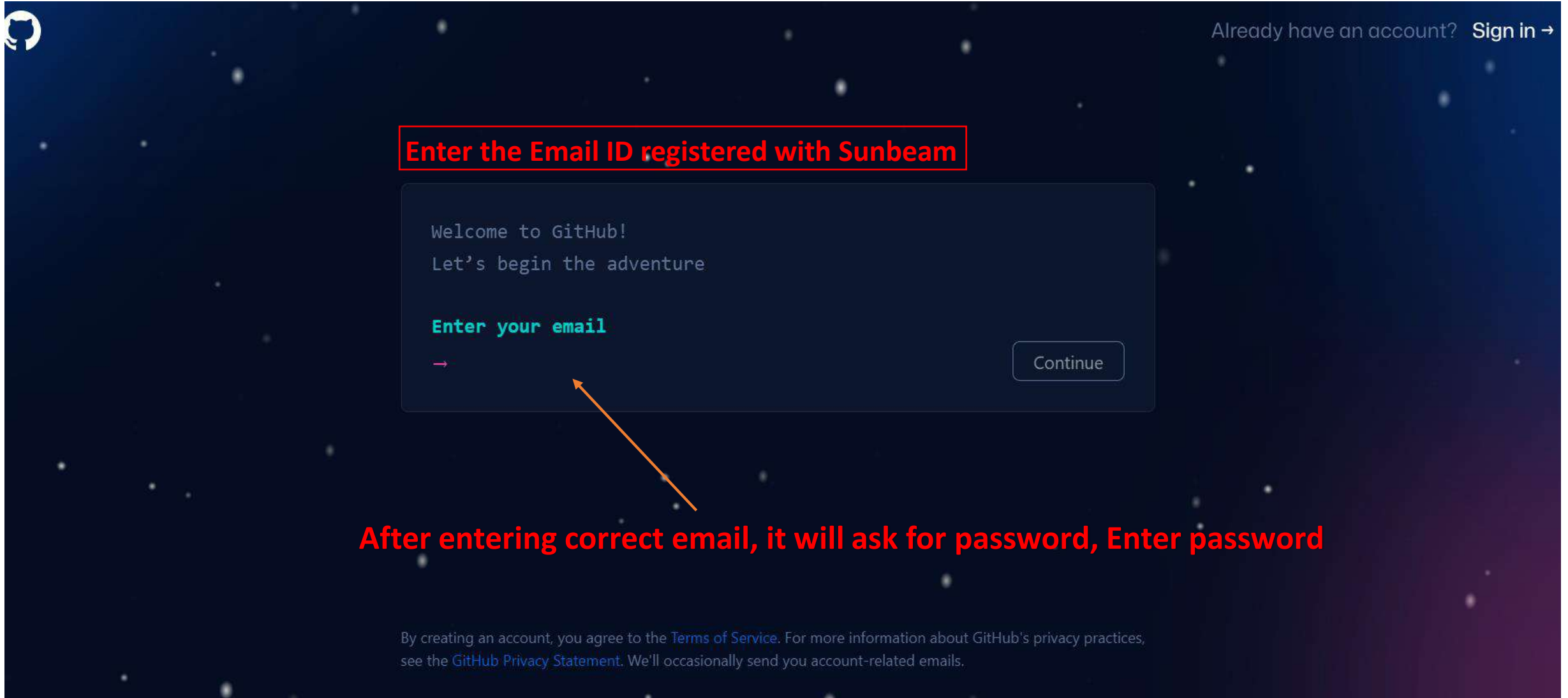
Password [Forgot password?](#)

[Sign in](#)

New to GitHub? [Create an account.](#)

[Terms](#) [Privacy](#) [Security](#) [Contact GitHub](#)

### Step 3 – Fill the details as follows



Already have an account? [Sign in](#) →

**Enter the Email ID registered with Sunbeam**

Welcome to GitHub!  
Let's begin the adventure

**Enter your email**

→

Continue

**After entering correct email, it will ask for password, Enter password**

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.



Already have an account? [Sign in](#) →

Welcome to GitHub!  
Let's begin the adventure

Enter your email

✓

Create a password

→

[Continue](#)

— — —  
Password is strong

Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.

**After entering password, It will ask for username**

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices,

Welcome to GitHub!  
Let's begin the adventure

Enter your email

✓

Create a password

✓

Enter a username

**<RollNo><Name>**

**After entering Username, click continue**

Verify your account



Verify the account and click on create account

Create account



## Step 4 – You will get a mail requesting put a code



You will get Code on your email , verify the account

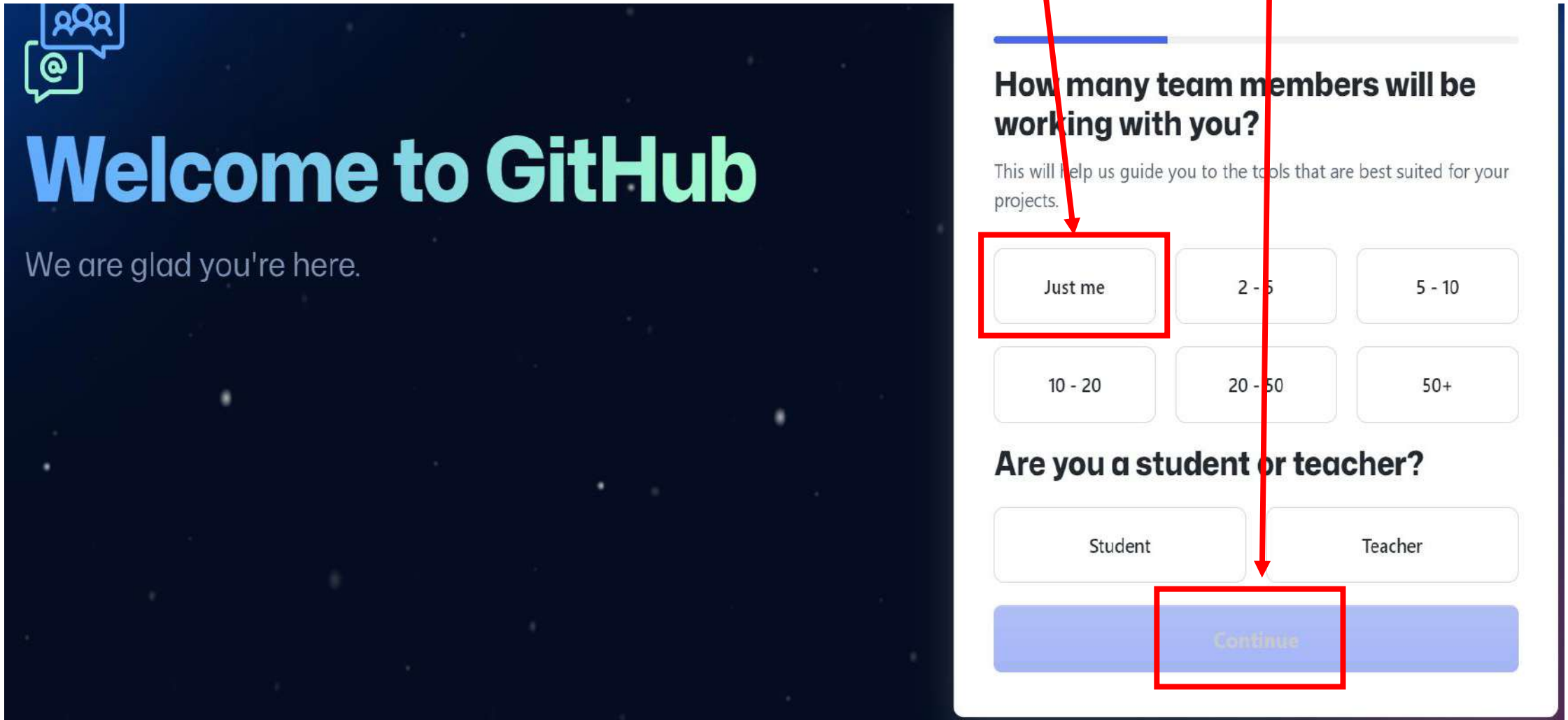
You're almost done!

We sent a launch code to

→ Enter code

Didn't get your email? [Resend the code](#) or [update your email address](#).

**Step 5**– You will get a Welcome Page of GitHub select the option **JustMe** and click **Continue**



The image shows the GitHub Welcome Page. On the left, a dark blue banner with the text "Welcome to GitHub" and "We are glad you're here." is visible. On the right, a white form asks "How many team members will be working with you?" and "Are you a student or teacher?". The "Just me" option is highlighted with a red box, and the "Continue" button is also highlighted with a red box. Red arrows point from the text "JustMe" and "Continue" in the step description to these elements in the form.

**Welcome to GitHub**  
We are glad you're here.

**How many team members will be working with you?**  
This will help us guide you to the tools that are best suited for your projects.

**Just me** 2 - 5 5 - 10  
10 - 20 20 - 50 50+

**Are you a student or teacher?**  
Student Teacher

**Continue**

## Step 6 – It will go to GitHub Home page

This is user name, through which you can always login on github along with correct password

The screenshot shows the GitHub Home page. At the top, there's a dark header with the GitHub logo, a search bar, and navigation links: Pull requests, Issues, Codespaces, Marketplace, and Explore. On the right of the header, there's a notification bell, a plus icon, and a user profile icon. A red arrow points from the text above to the user profile icon. The user profile dropdown menu is open, showing the text 'Signed in as' followed by a blue oval containing the username. Below this, there's a 'Set status' button with a smiley face icon. A list of links follows: Your profile, Your repositories, Your projects, Your stars, Your gists, and Your sponsors. Below these are 'Upgrade', 'Try Enterprise', 'Feature preview' (with a blue dot), 'Help', 'Settings', and 'Sign out'. The main content area has two tabs: 'Following' (selected) and 'For you' (with a 'Beta' badge). Below the tabs is a large card titled 'Discover interesting projects and people to populate your personal news feed.' with a subtext 'Your news feed helps you keep up with recent activity on repositories you watch or star and people you follow.' and an 'Explore GitHub' button. Below this card is a 'ProTip!' and a 'Subscribe to your news feed' link. On the left sidebar, there's a 'Create your first project' section with a 'Create repository' button and an 'Import repository' link. Below that is a 'Recent activity' section. On the right sidebar, there's a 'Start code' section and a 'Latest changes' section.

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

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Following For you **Beta**

Discover interesting projects and people to populate your personal news feed.

Your news feed helps you keep up with recent activity on repositories you watch or star and people you follow.

Explore GitHub

ProTip! The feed shows you events from people you follow and repositories you watch or star.

Subscribe to your news feed

Signed in as [username]

Set status

Your profile

Your repositories

Your projects

Your stars

Your gists

Your sponsors

Upgrade

Try Enterprise

Feature preview

Help

Settings

Sign out

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About Training Privacy

Shop Status Docs

Contact Security

GitHub

WakaTime scanning

GitHub Projects – February 9th update

# Git Bash Installation Steps

**Step 1** - You have to download git setup file from the link given below –

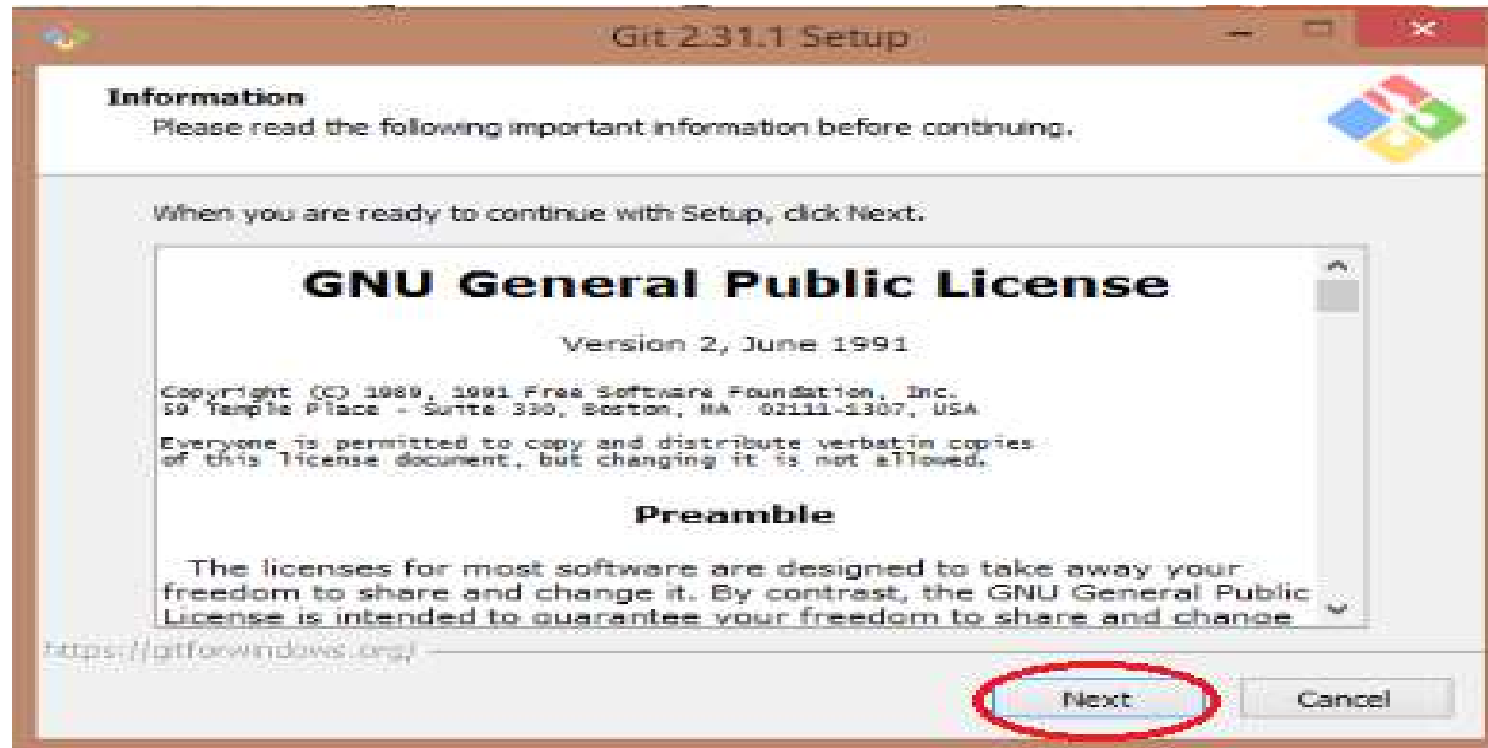
<https://git-scm.com/downloads>

You will get an executable file of Git in your downloads folder.

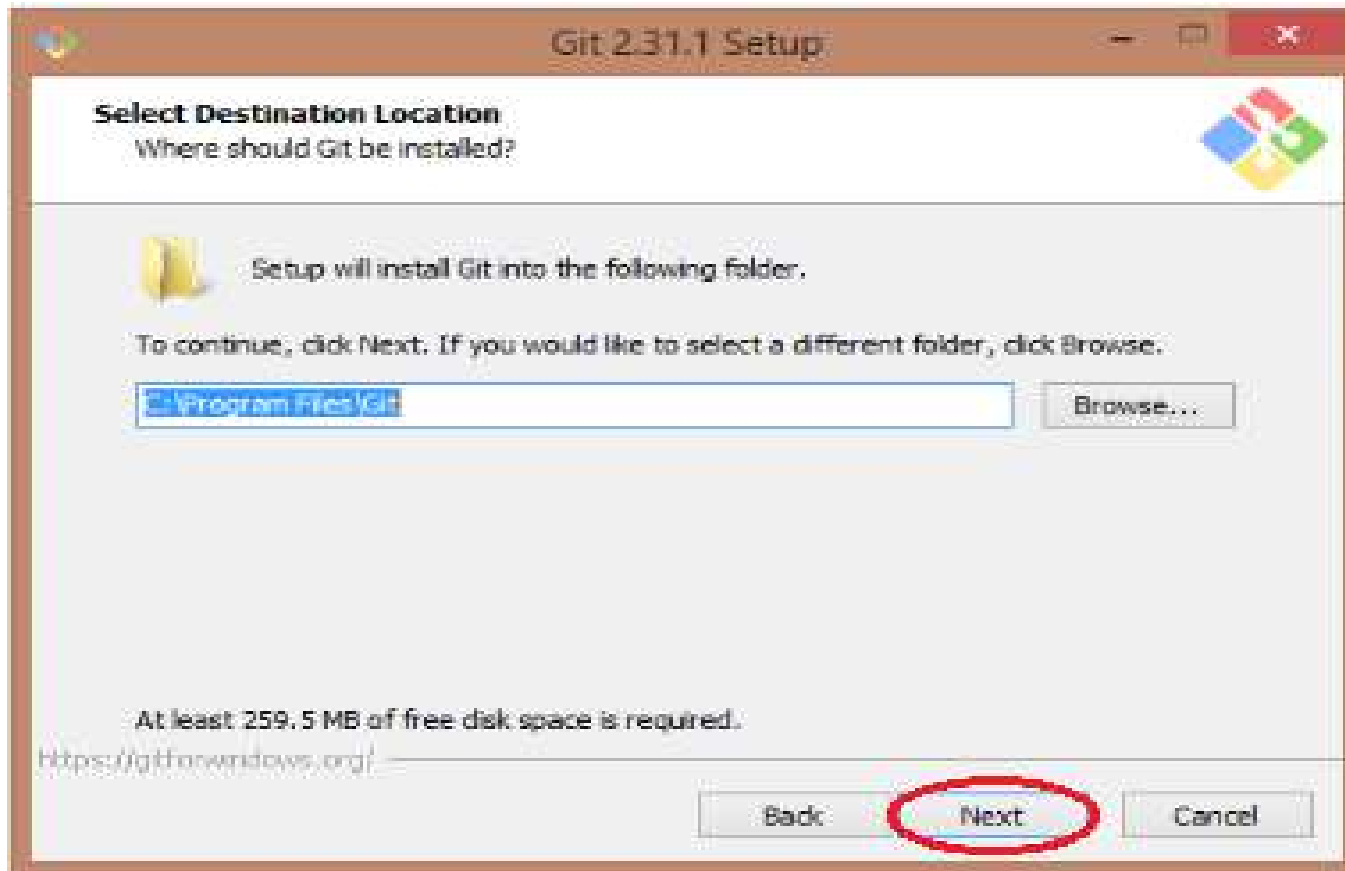
Double click on downloaded file

A. Click on Run to install it.

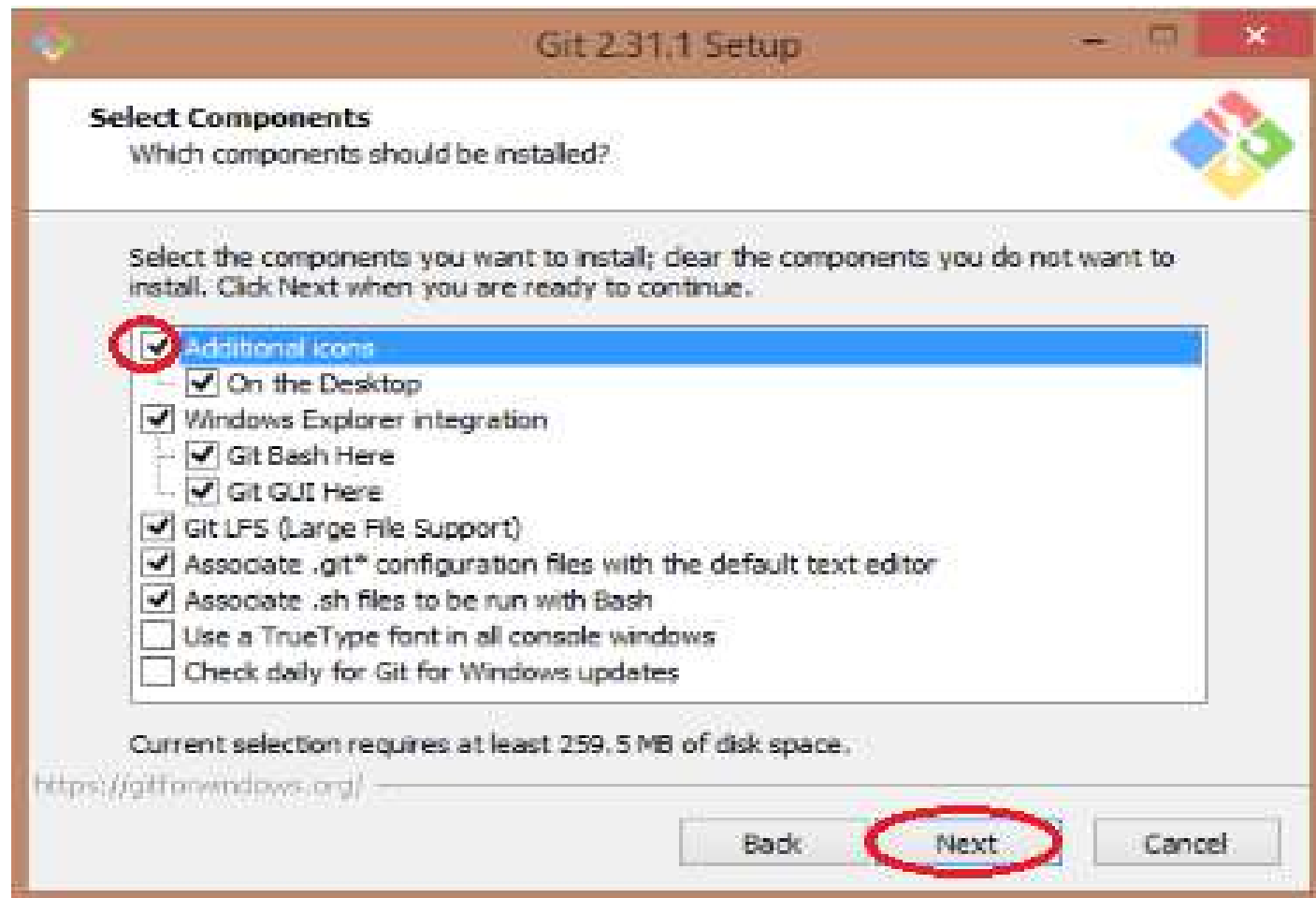
Click on Next



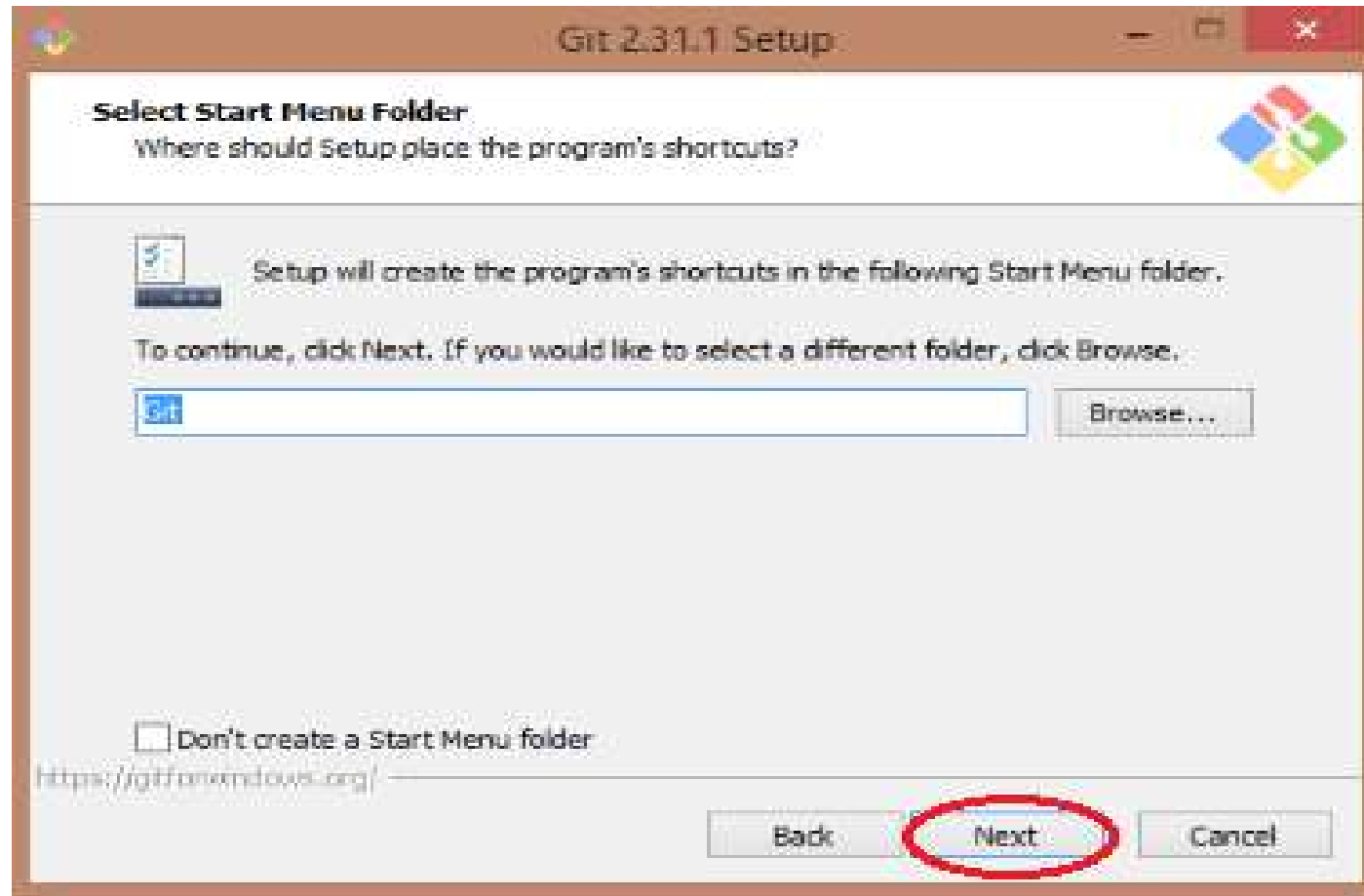
## Step 2 - Select Destination Location and Click on Next.



### Step 3 - Check Additional Icons and Click on Next.

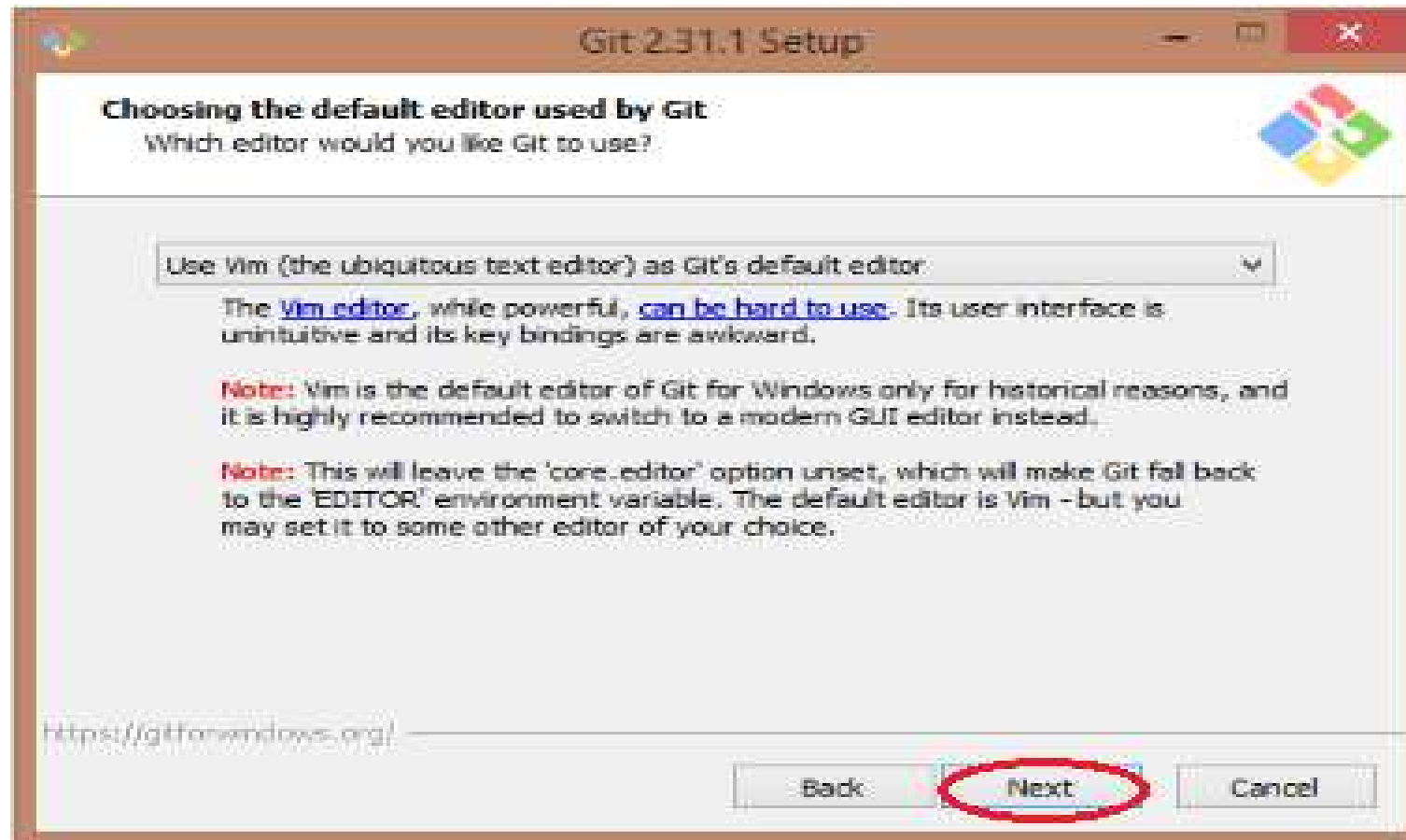


## Step 4 - Click on Next

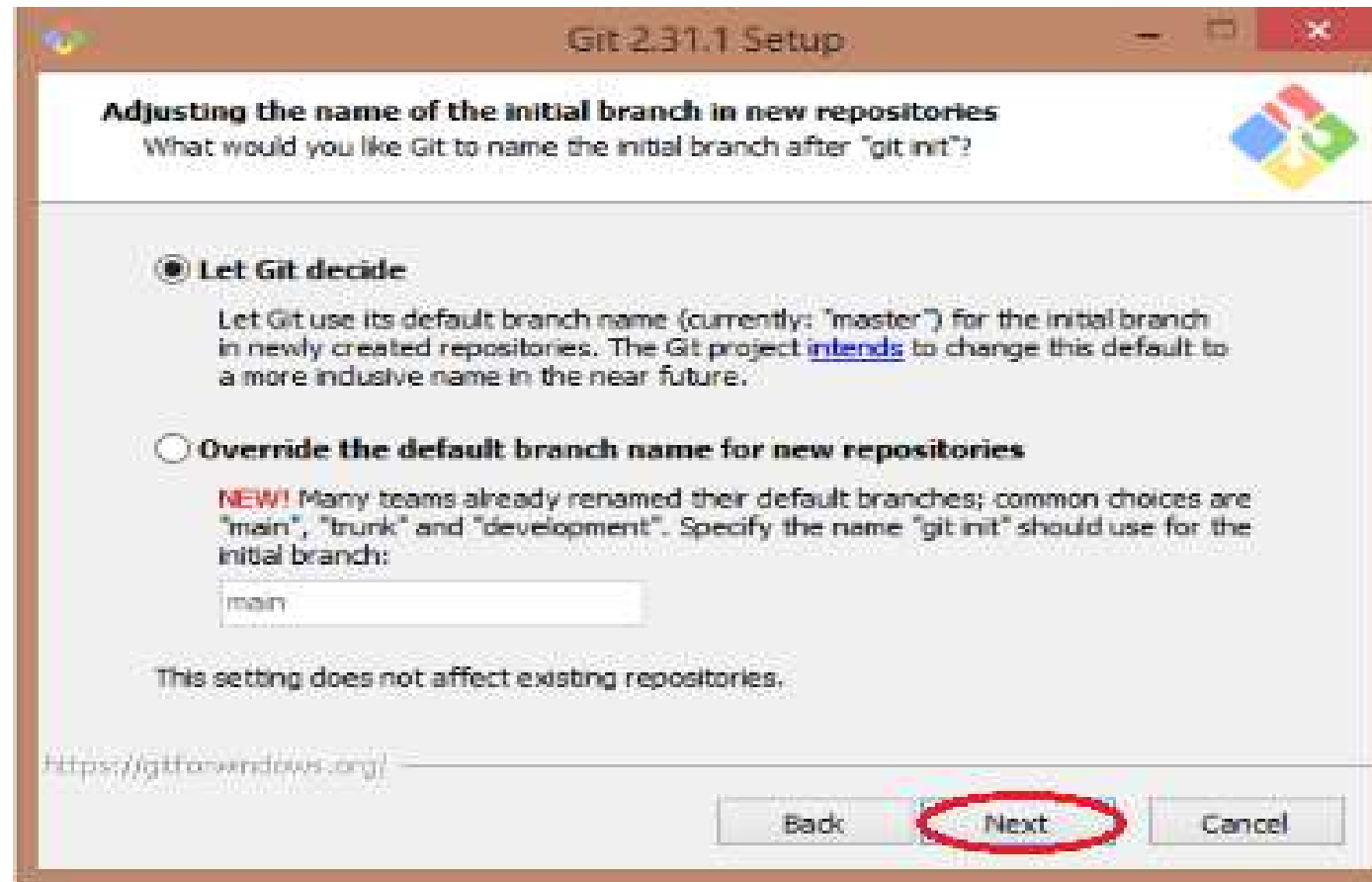




## Step 5 - Click on Next



## Step 6 - Click on Next

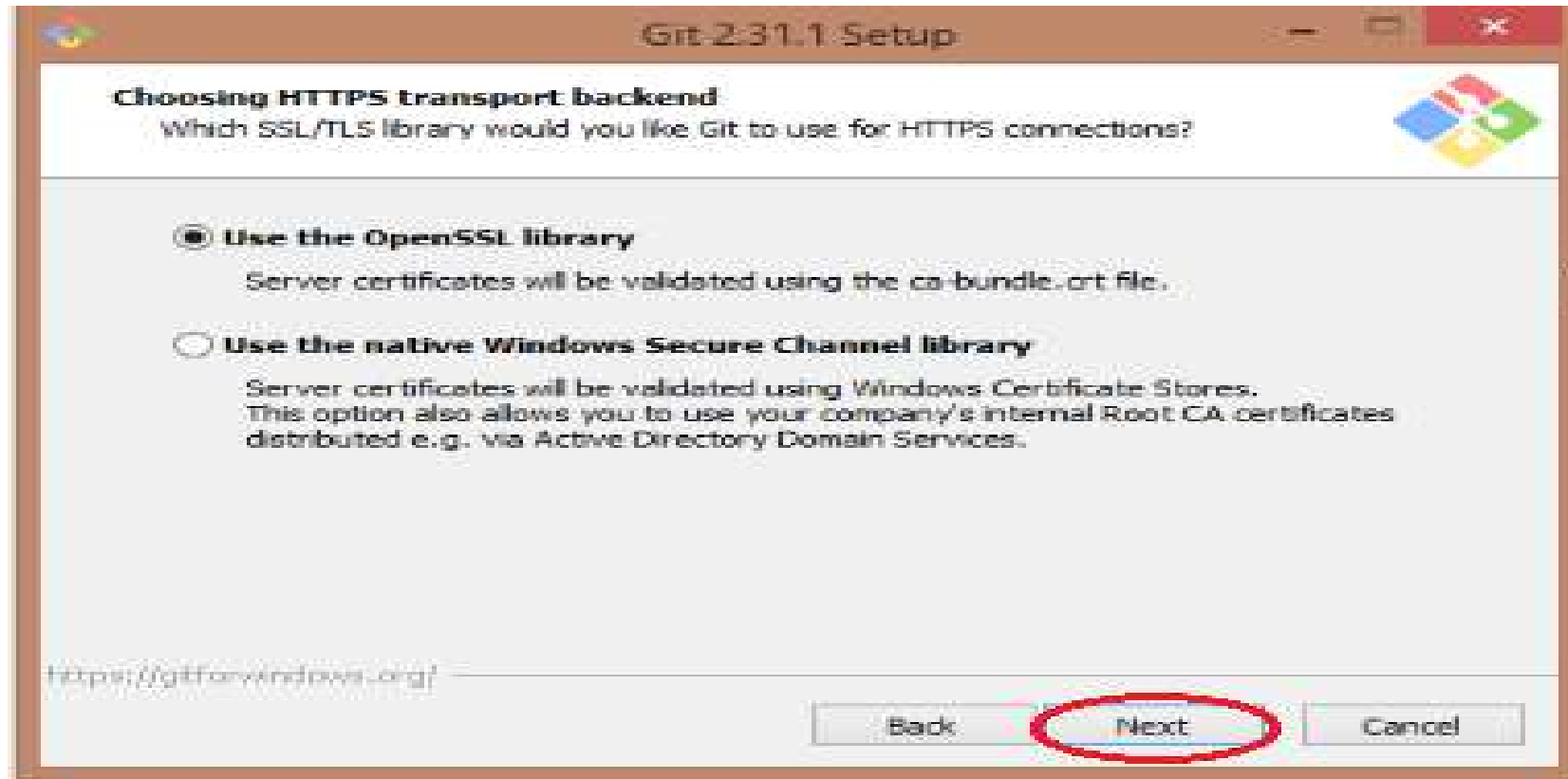


## Step 7 - Adjusting Your Path Environment .

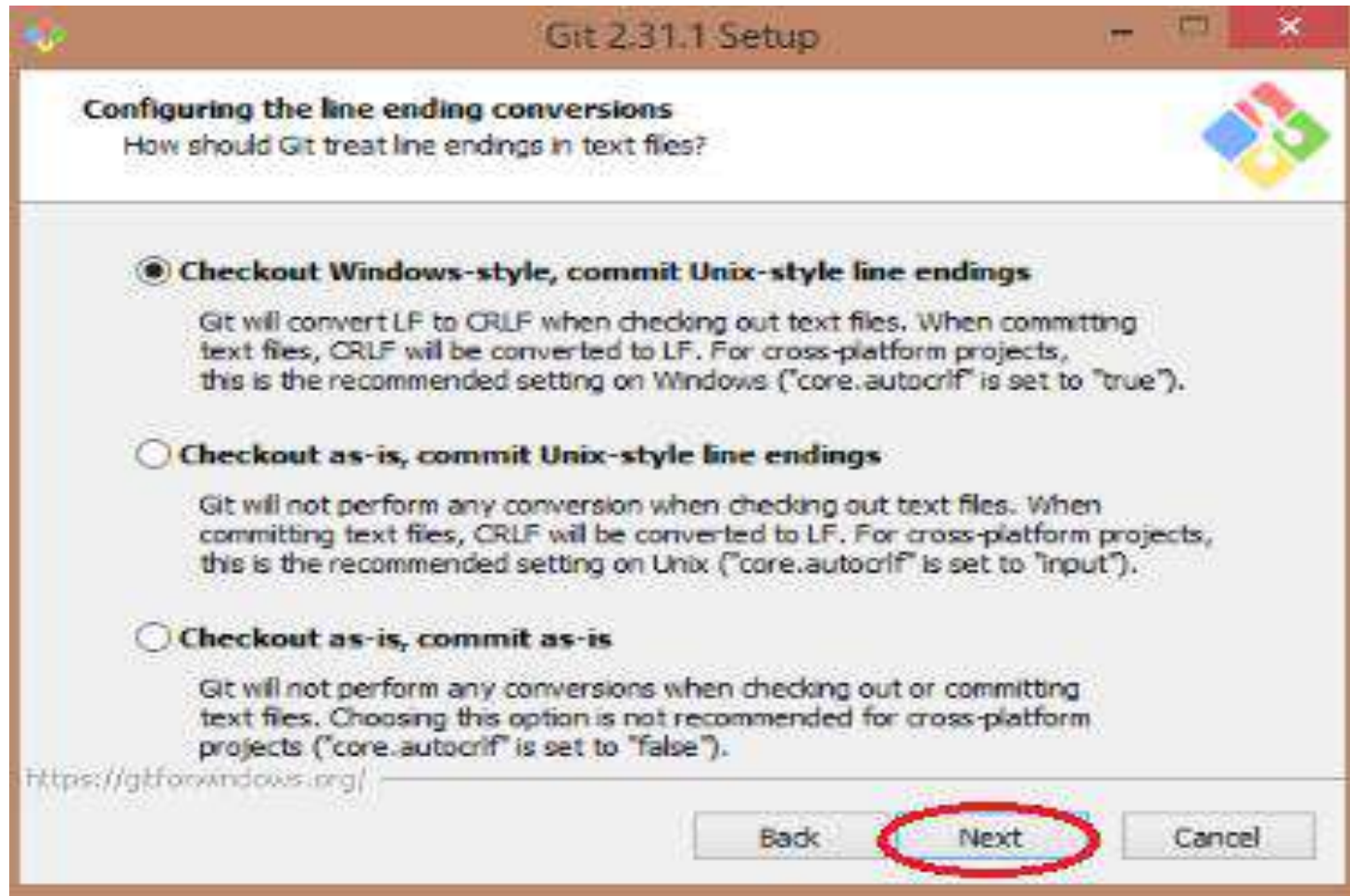
Select option Git From the command Line. and Click on next



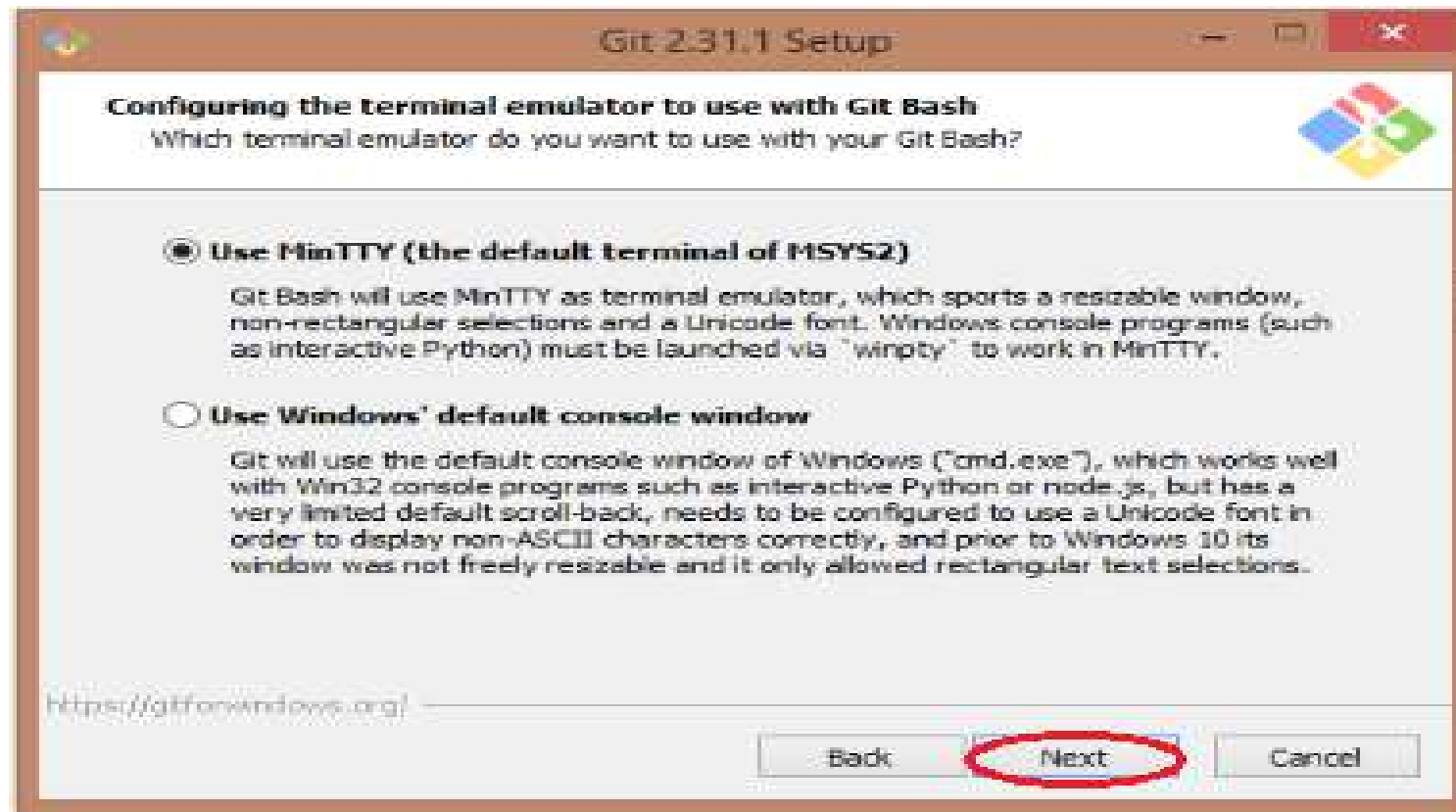
## Step 8 - Select Use the OpenSSL Library and Click on Next



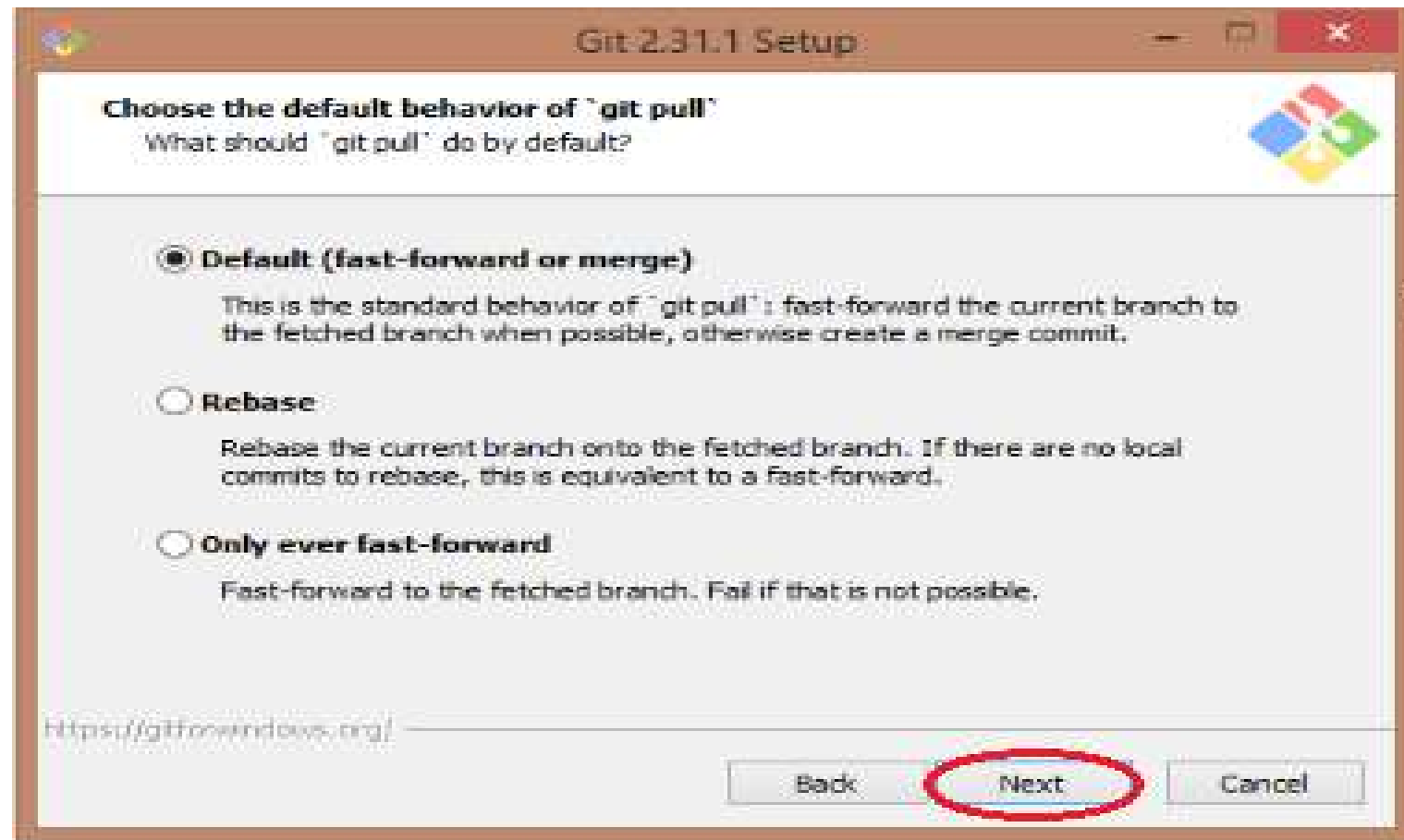
**Step 9** - Select Option ,Checkout Windows-style,commit Unix-style line endings and Click On next



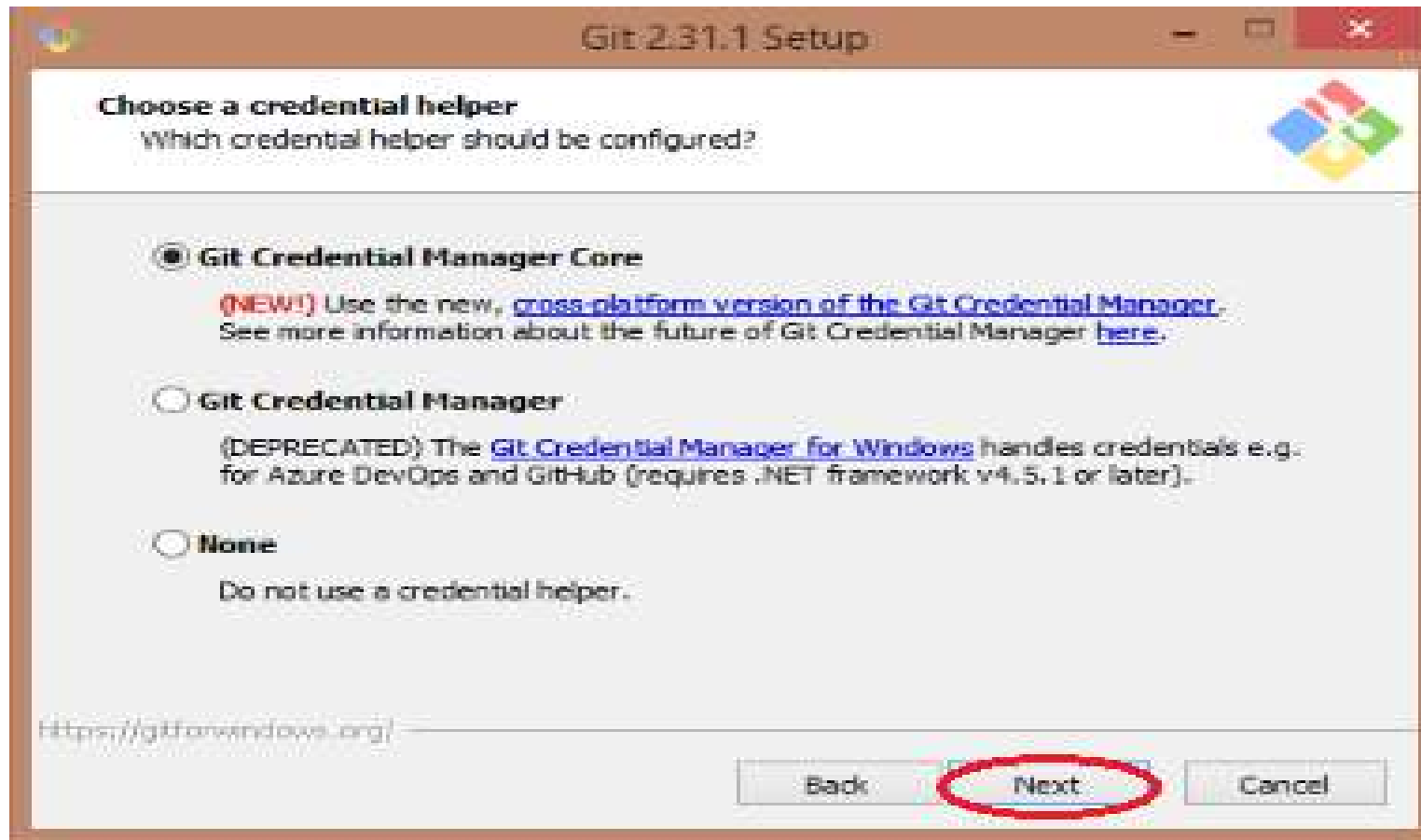
**Step 10** - Select Option Use MinTTY and Click on next.



## Step 11 - Select Option Default and Click on Next

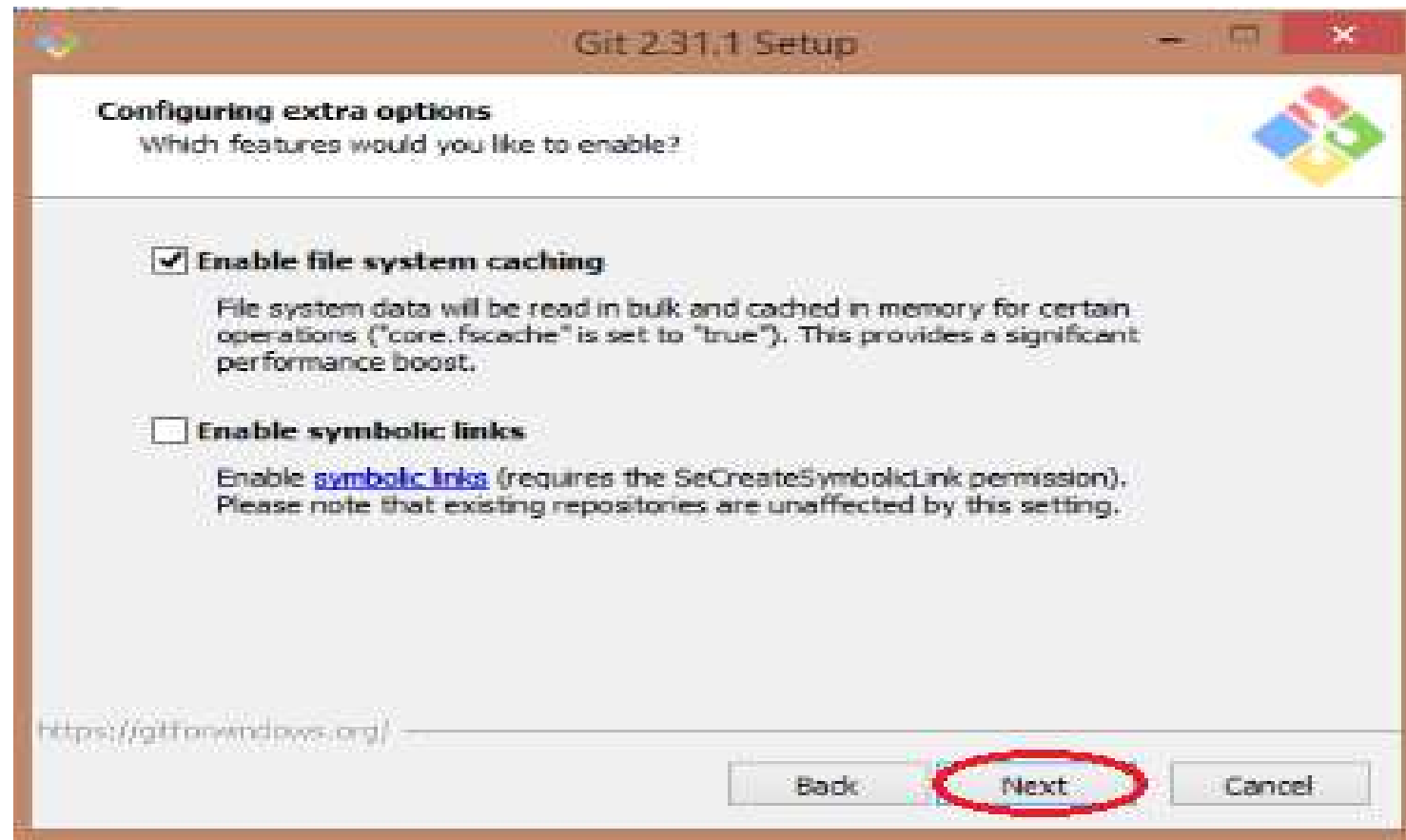


## Step 12 - Select Git Credential Manager Core and Click on Next

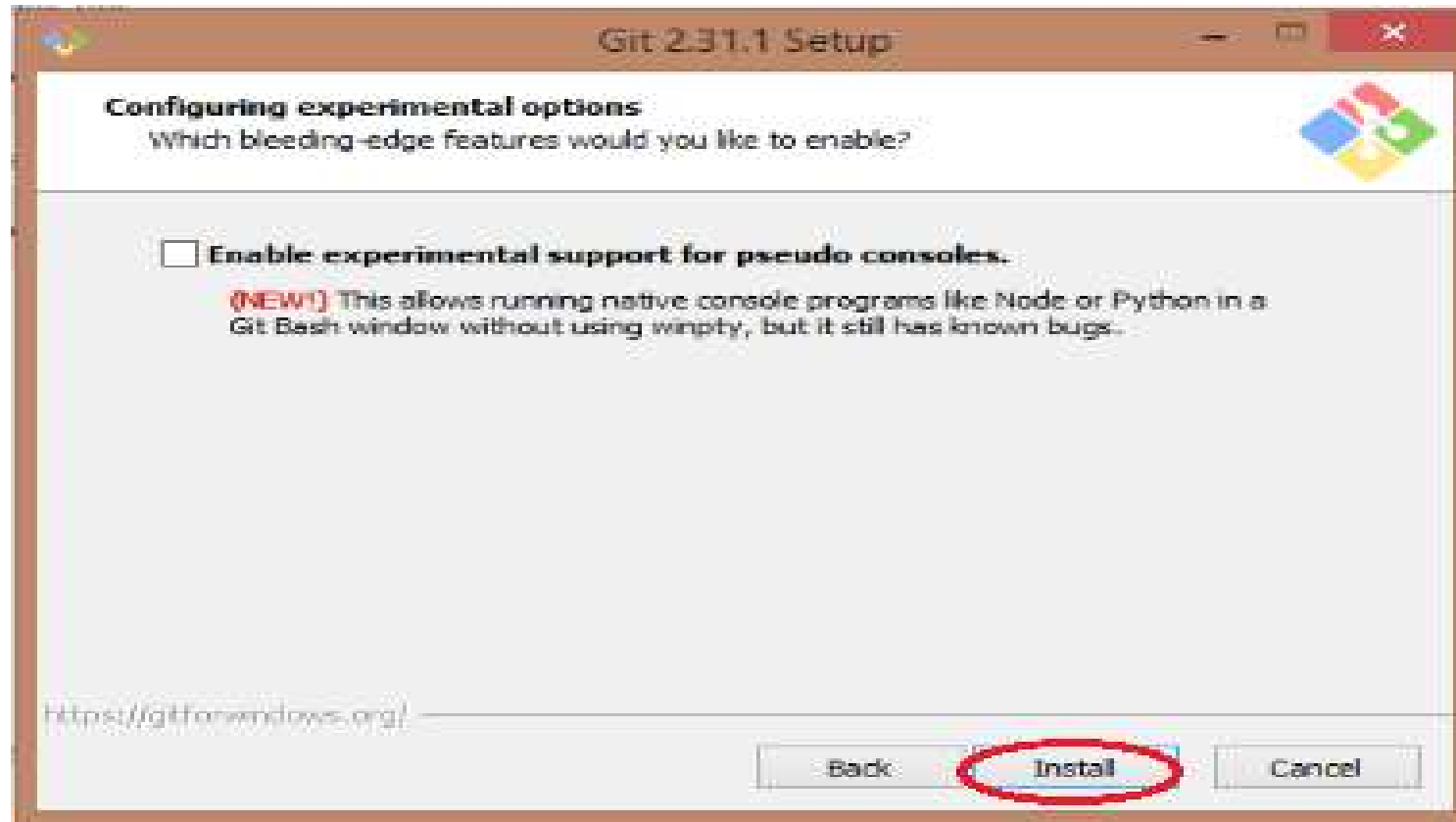




**Step 13** - Select Enable files system Caching and click on next



**Step 14** - Don't Select any option and Click on Install.



**Step 15** - After successful installation Click on Finish for exit from set up.

# Accessing GitHub data

1. On submitting the GitHub username, you will receive mail on registered mail ID
2. Once the GitHub invitation is sent to you on your email, you can view the invitation



@Precatsunbeam has invited you to join the  
@PreCAT-PM23 organization

Click on join



@Precatsunbeam has invited you to join the  
PreCAT-PM23 organization



@Precatsunbeam has invited you to join the @PreCAT-PM23 organization on GitHub. Head over to <https://github.com/PreCAT-PM23> to check out @PreCAT-PM23's profile.

This invitation will expire in 7 days.

Join @PreCAT-PM23

**Note:** If you get a 404 page, make sure you're signed in as 1234-Sujata. You can also accept the invitation by visiting the organization page directly at <https://github.com/PreCAT-PM23>. If @Precatsunbeam is sending you too many emails, you can [block them](#) or [report them for abuse](#).

Button not working? Paste the following link into your browser:  
[https://github.com/orgs/PreCAT-PM23/invitation?via\\_email=1](https://github.com/orgs/PreCAT-PM23/invitation?via_email=1)



Search or jump to...



[Pull requests](#) [Issues](#) [Codespaces](#) [Marketplace](#) [Explore](#)



You've been invited to the [PreCAT-PM23](#) organization!

Invited by Precatsunbeam

[Join PreCAT-PM23](#)

[Decline](#)


Click on join

 [Owners](#) of PreCAT-PM23 may be able to see:

- If you have [two-factor authentication](#) enabled or not
- Your public profile information
- [Certain activity](#) within this organization
- Country of request origin
- Your access level to repositories within the organization
- Your IP address

[Opt out](#) of future invitations from this organization.


You are successfully added as a member



[Pull requests](#) [Issues](#) [Codespaces](#) [Marketplace](#) [Explore](#)

You are now a member of PreCAT-PM23!

[Precatsunbeam](#) invited you to join the **PreCAT-PM23** organization 1 minute ago.



## PreCAT-PM23

[Overview](#) [Repositories 7](#) [Projects](#) [Packages](#) [Teams](#) [People 5](#)

### Repositories

 [Type ▾](#) [Sort ▾](#) [New](#)

**SectionC** Private

SectionC

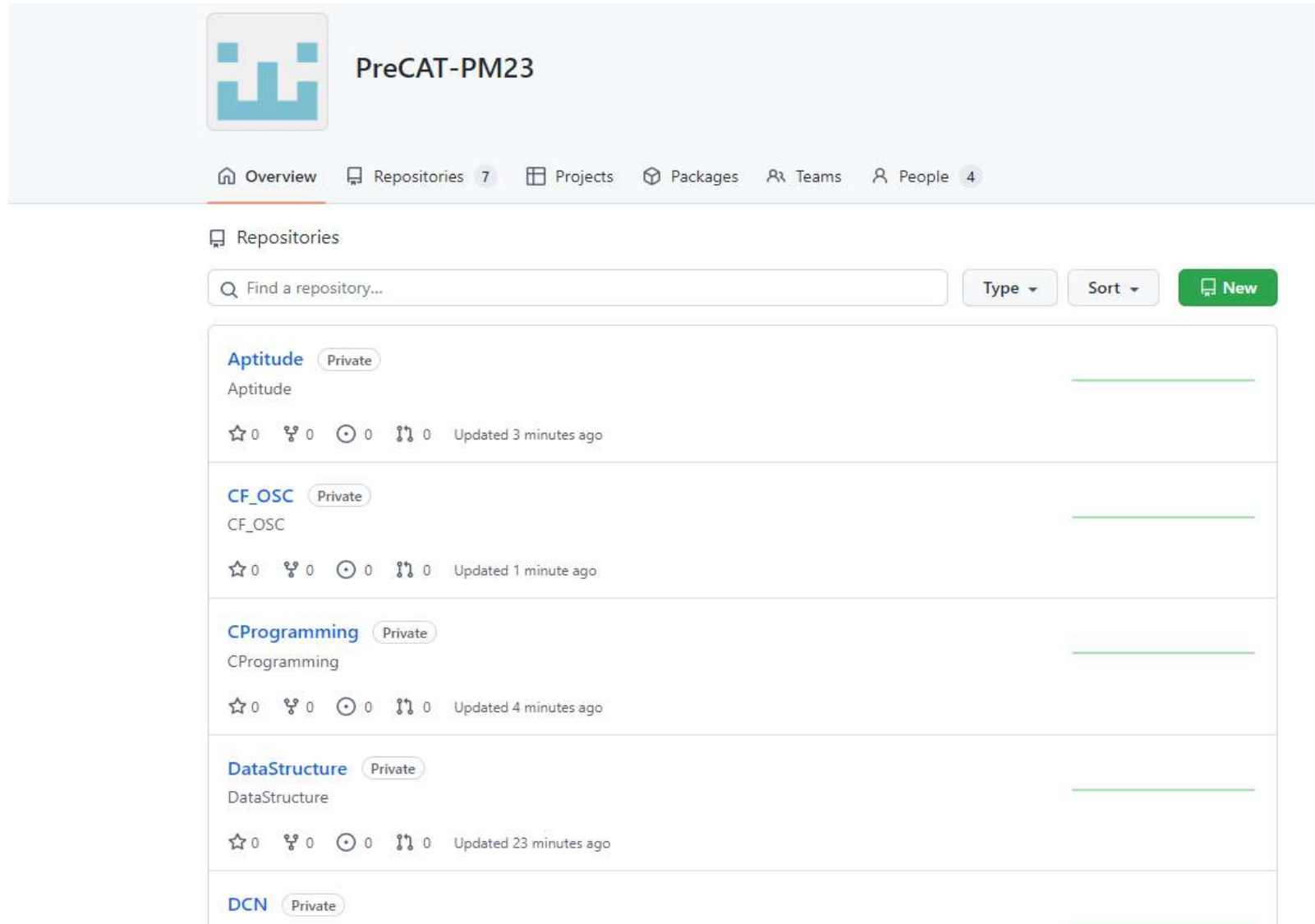
☆ 0 🔗 0 🔄 0 🔗 0 Updated 53 minutes ago

**DCN** Private

DCN

☆ 0 🔗 0 🔄 0 🔗 0 Updated 54 minutes ago

You will see all the Repositories in your login



The screenshot displays the user profile for 'PreCAT-PM23' on a platform. The profile header includes a blue and white icon and the username. Below the header is a navigation bar with tabs: Overview, Repositories (7), Projects, Packages, Teams, and People (4). The 'Repositories' tab is selected, showing a list of five private repositories. Each repository entry includes its name, a 'Private' label, a progress bar, and statistics for stars, forks, and pulls. The repositories are: Aptitude, CF\_OSC, CProgramming, DataStructure, and DCN.

Repository Name	Visibility	Stars	Forks	Pulls	Updated
Aptitude	Private	0	0	0	Updated 3 minutes ago
CF_OSC	Private	0	0	0	Updated 1 minute ago
CProgramming	Private	0	0	0	Updated 4 minutes ago
DataStructure	Private	0	0	0	Updated 23 minutes ago
DCN	Private	0	0	0	

Step1: Click on Repository of your current module

The screenshot shows the GitHub interface for the repository 'PreCAT-PM23 / Aptitude'. The repository is private and has a 'main' branch. The 'Code' button is highlighted with a red arrow pointing to it, labeled 'Step2: Click on code'. The 'Code' dropdown menu is open, showing options to clone the repository. The 'Clone' section is selected, and the 'HTTPS' URL is displayed: 'https://github.com/PreCAT-PM23/Aptitude.git'. A red arrow points to the copy icon next to the URL, labeled 'Step3: Copy the url'. The repository's README is visible in the background, showing the title 'Aptitude'.

PreCAT-PM23 / Aptitude Private

<> Code Issues Pull requests Actions Projects Security Insights

main 1 branch 0 tags

Precatsunbeam Initial commit

README.md Initial commit

README.md

Aptitude

Aptitude

Local Codespaces New

Clone ?

HTTPS SSH GitHub CLI

https://github.com/PreCAT-PM23/Aptitude.git

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

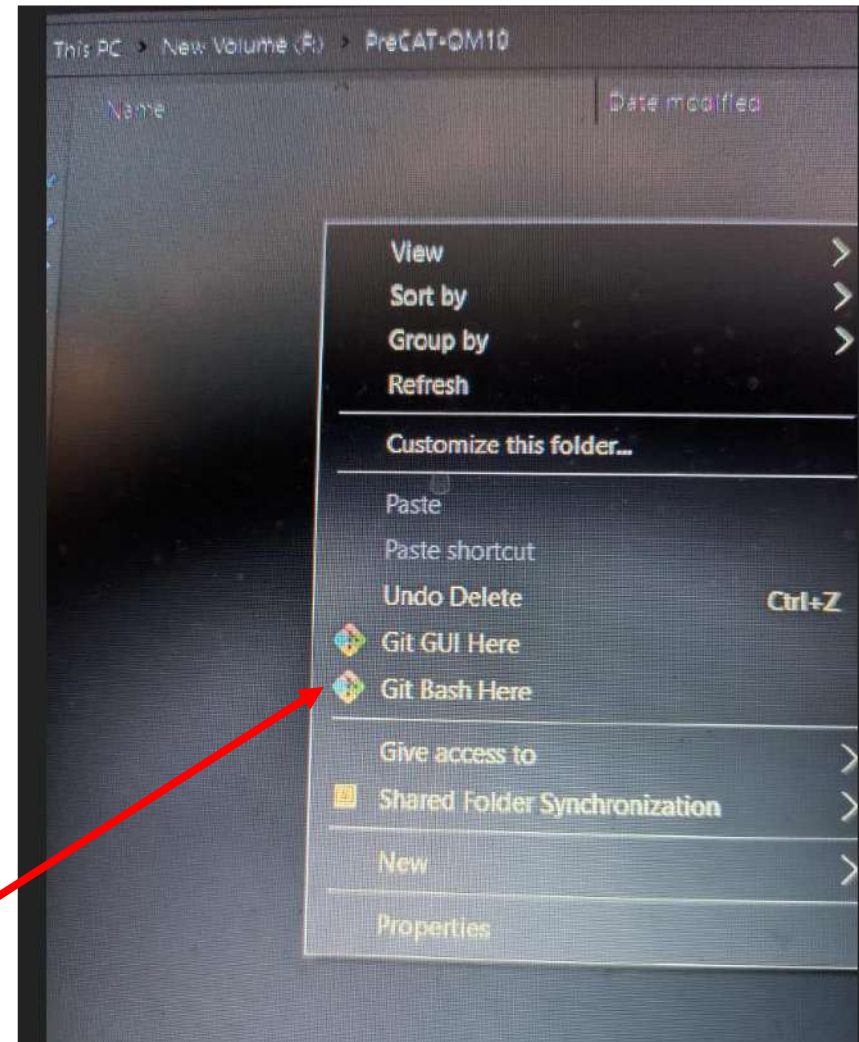
Download ZIP

Step2: Click on code

Step3: Copy the url

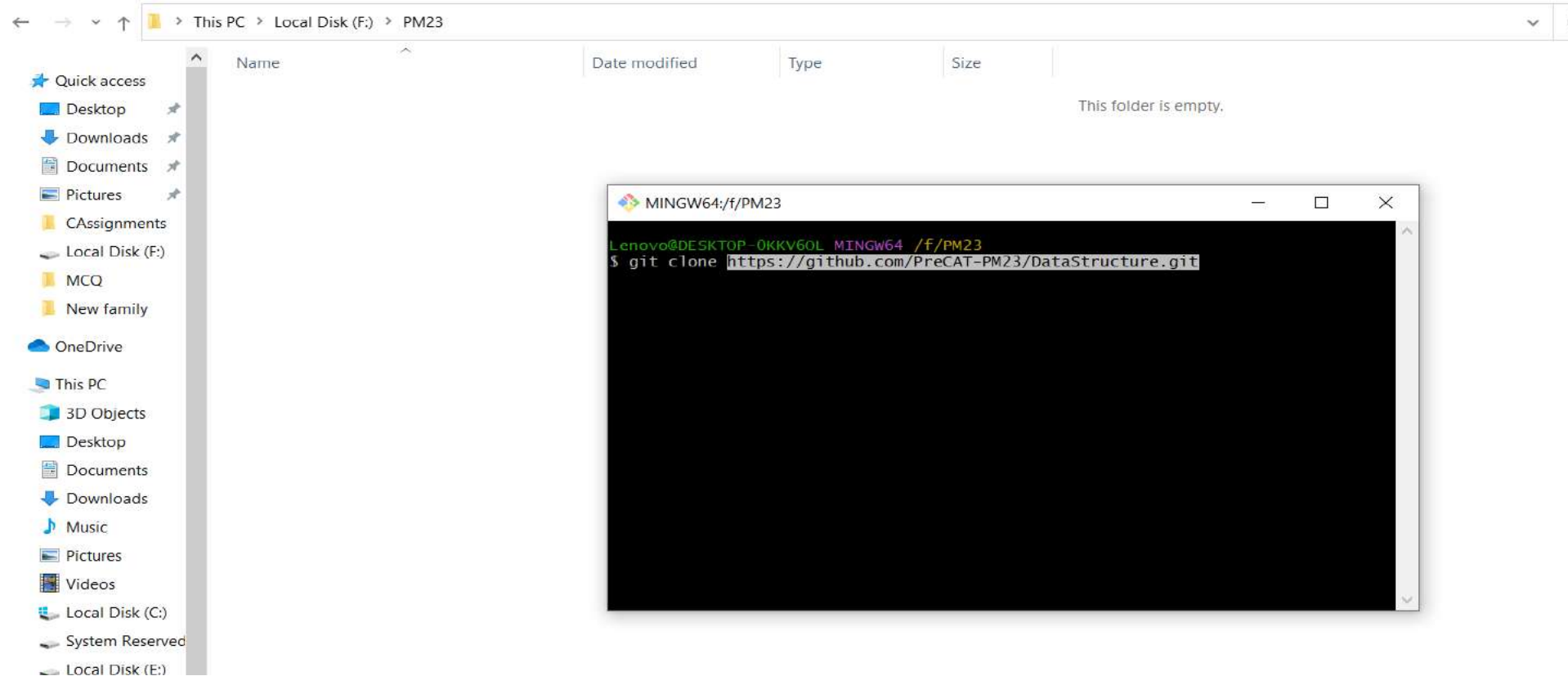


Step4: Create a new folder on your system, In the empty folder Right Click and open Git Bash

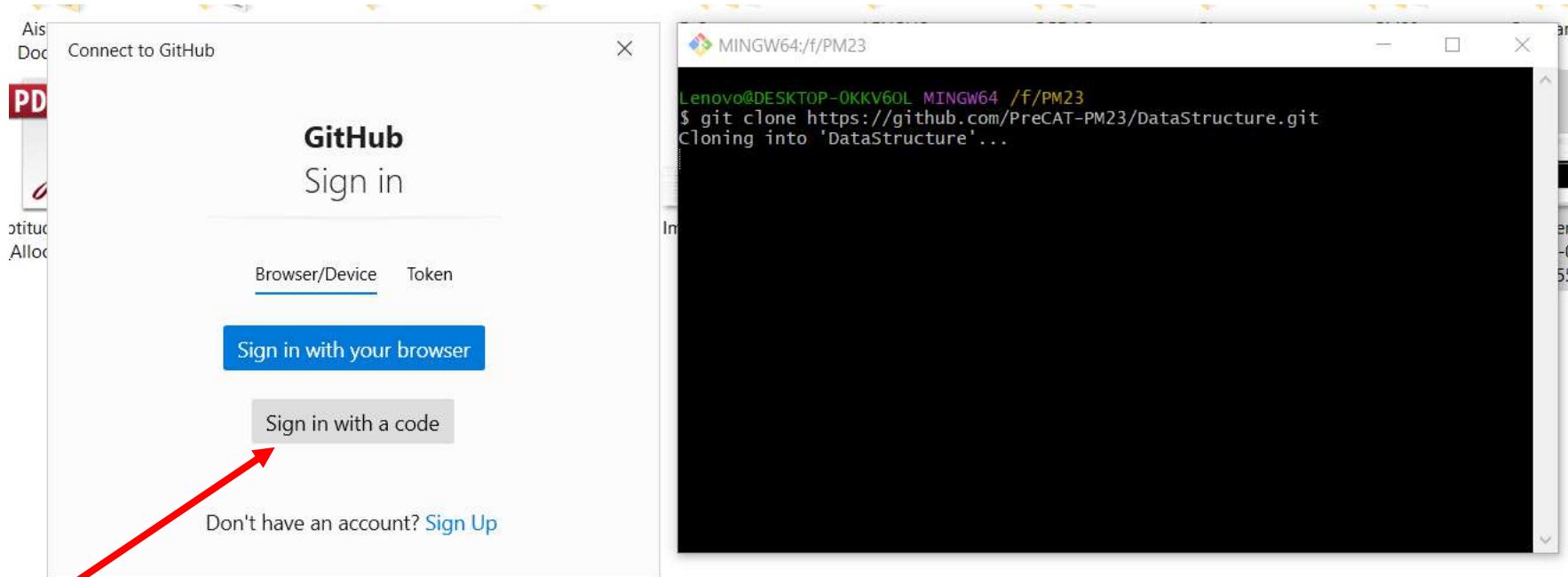


Click on Git Bash here

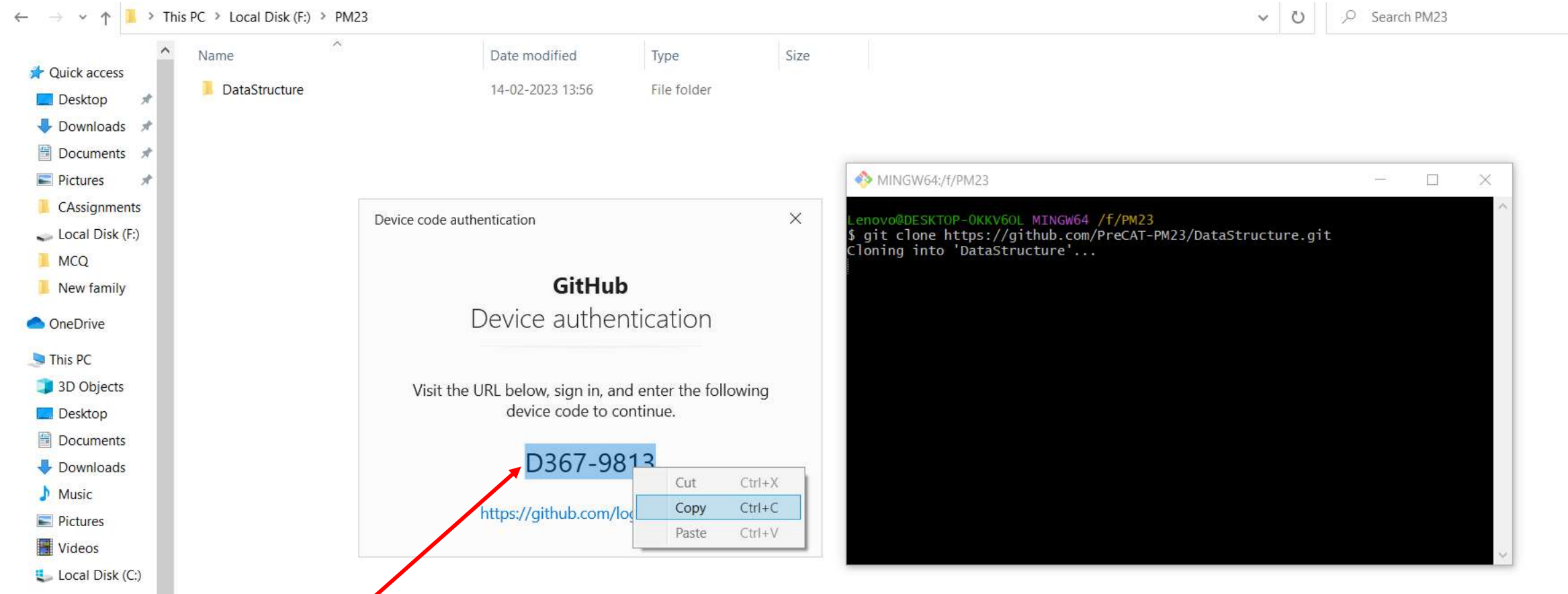
## Step5: Git bash window will appear



Step 6 : Write on git bash → git clone <url>  
url is the one which you have copied in step3.  
Click Enter.



Click here



Step7: Copy the code displayed on your screen

File Explorer window showing the path: This PC > Local Disk (F:) > PM23. The folder 'DataStructure' is listed with a date modified of 14-02-2023 13:56 and is a file folder.

Device code authentication dialog box from GitHub:

Device code authentication

**GitHub**

Device authentication

Visit the URL below, sign in, and enter the following device code to continue.

**D367-9813**

<https://github.com/login/device>

Terminal window (MINGW64:f/PM23) showing the command:

```
Lenovo@DESKTOP-0KKV60L MINGW64 /f/PM23
$ git clone https://github.com/PreCAT-PM23/DataStructure.git
Cloning into 'DataStructure'...
```

**Step8: Click on the url after you copy the code**

Step9: Paste the code copied in Step7 and click on Continue

github.com/login/device

## Device Activation

Enter the code displayed on your device

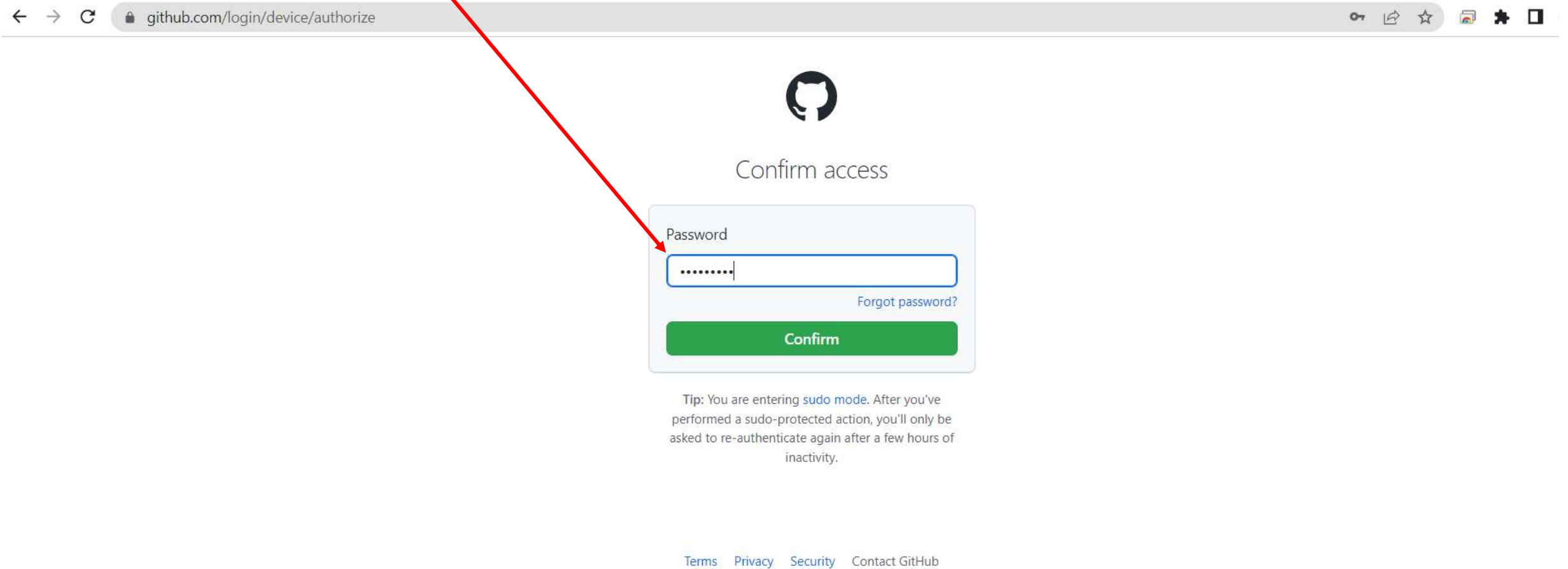
D 3 6 7 - 9 8 1 3

Continue

GitHub staff will never ask you to enter your code on this page.

Click here

Step10: Enter your correct GitHub password and click on confirm



The screenshot shows the GitHub 'Confirm access' page. At the top, the browser address bar displays 'github.com/login/device/authorize'. Below the GitHub logo, the heading 'Confirm access' is centered. The main form contains a 'Password' label above a text input field with masked characters '.....'. To the right of the input field is a link 'Forgot password?'. Below the input field is a green 'Confirm' button. A red arrow originates from the instruction box at the top and points directly to the password input field. Below the form, a tip message states: 'Tip: You are entering sudo mode. After you've performed a sudo-protected action, you'll only be asked to re-authenticate again after a few hours of inactivity.' At the bottom, there are links for 'Terms', 'Privacy', 'Security', and 'Contact GitHub'.

github.com/login/device/authorize

Confirm access

Password

.....

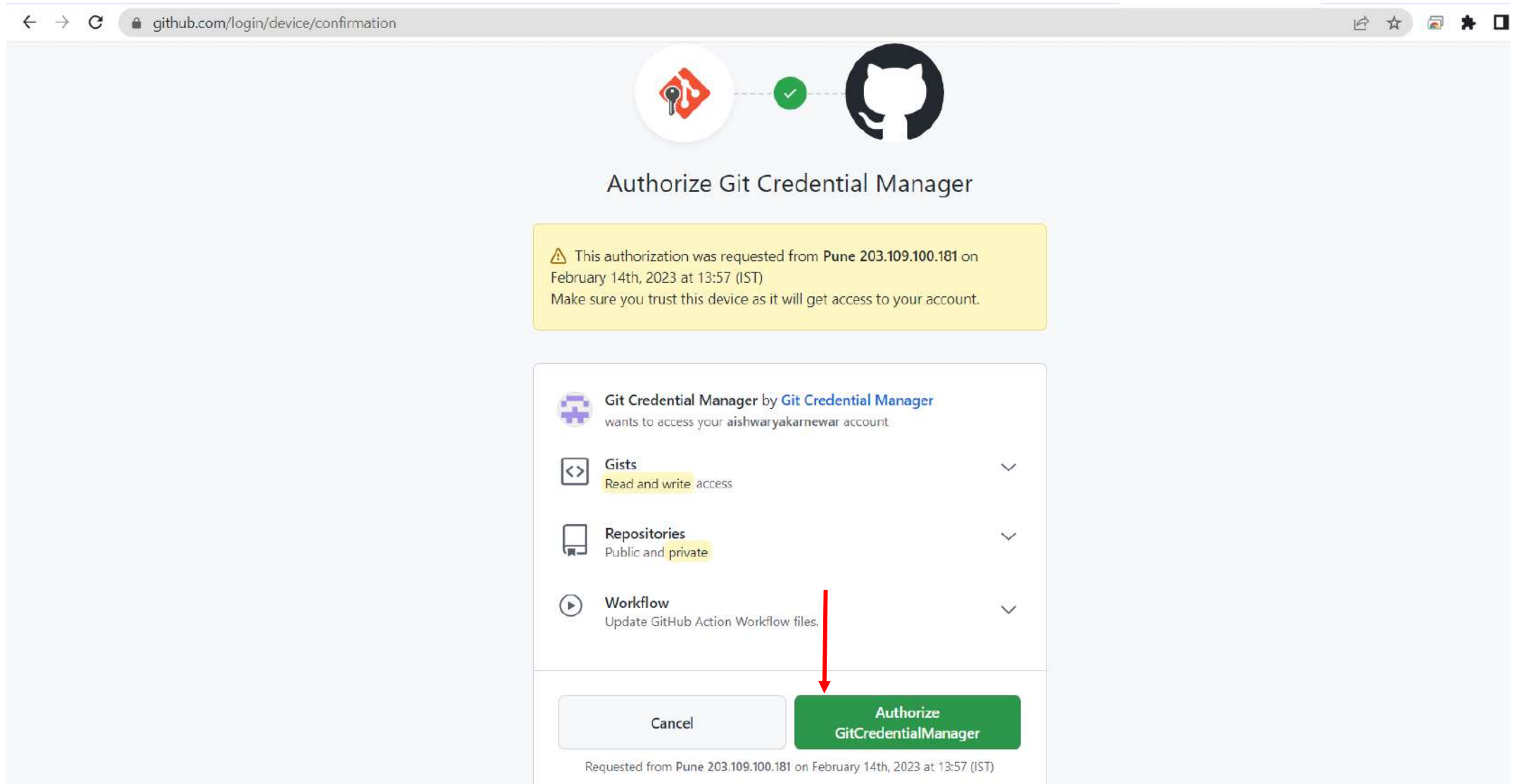
[Forgot password?](#)

**Confirm**

Tip: You are entering [sudo mode](#). After you've performed a sudo-protected action, you'll only be asked to re-authenticate again after a few hours of inactivity.

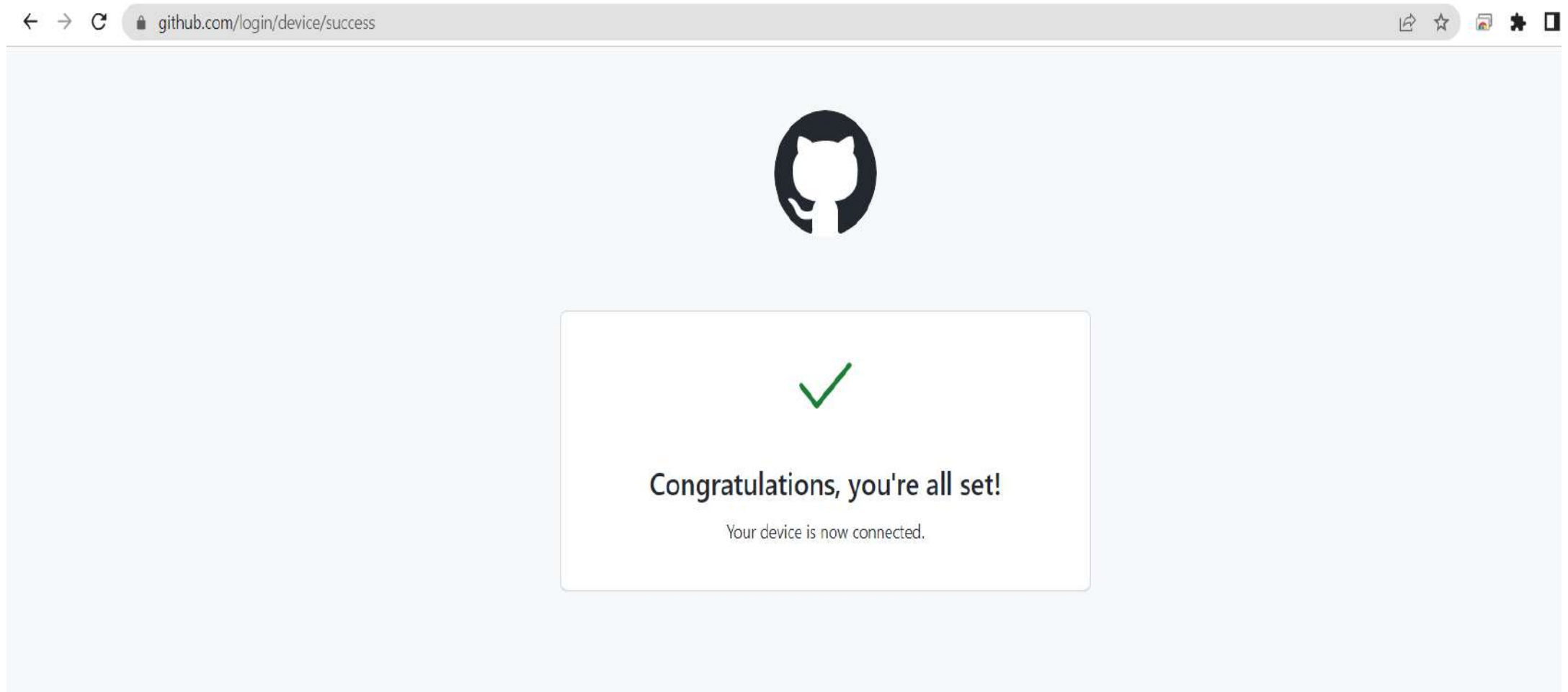
[Terms](#) [Privacy](#) [Security](#) [Contact GitHub](#)

## Step11: Click on Authorize





## Step12: Window shows successful completion

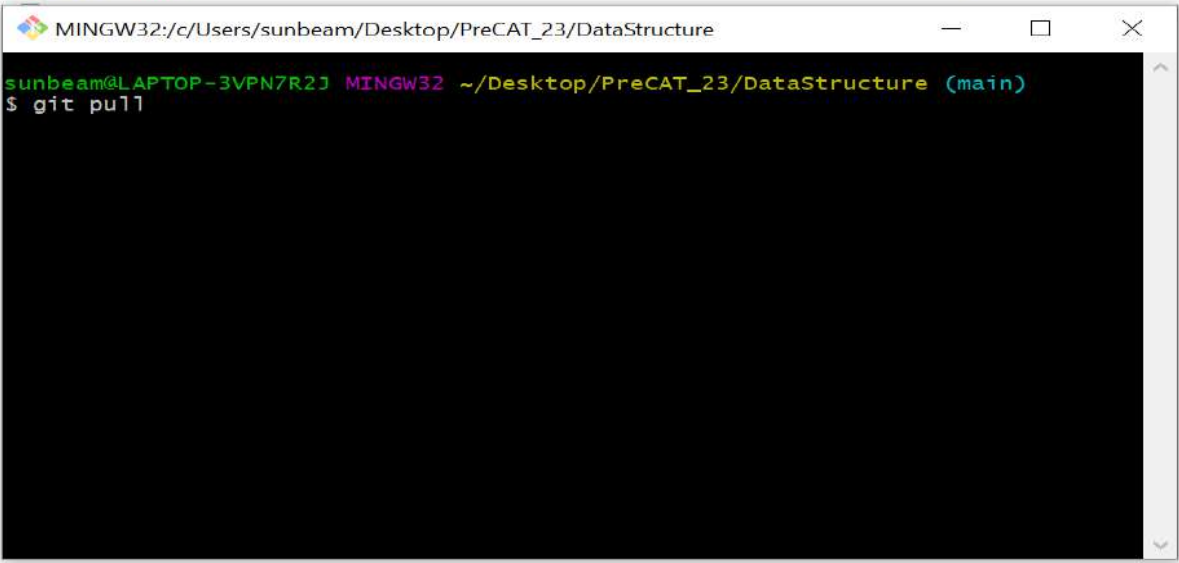


# From Second Day onwards

**Step 1 :-** Write on git bash → **git pull**

Every day classwork can be retrieved from GitHub

Name	Date modified	Type	Size
.git	14-02-2023 14:12	File folder	
README.md	14-02-2023 12:42	MD File	1 KB

```
MINGW32:/c/Users/sunbeam/Desktop/PreCAT_23/DataStructure
sunbeam@LAPTOP-3VPN7R2J MINGW32 ~/Desktop/PreCAT_23/DataStructure (main)
$ git pull
```

# Thank you !!