STAR LION COLLEGE OF ENGINEERING AND TECHNOLOY

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Department	**Computer Science and Engineering**
Project	**Personal Blog on IBM Cloud Static Web apps**
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Personal Blog on IBM Cloud Static Web Apps

Phase-3 Submission Document

Project Title: Personal Travel Blog

Phase 4 : Development Part-2

In this part you will continue building your project.

- Continue building the travel blog by setting up the IBM Cloud Static Web App and deploying the website.
- Sign up for an IBM Cloud account.
- Create a new Static Web App and follow the prompts to set up the repository, build pipeline, and deployment options.
- Choose a static site generator like Jekyll or Hugo to make it easy to update and manage the blog content. This would involve converting your HTML content into template files that can be easily updated.

Required Applications:

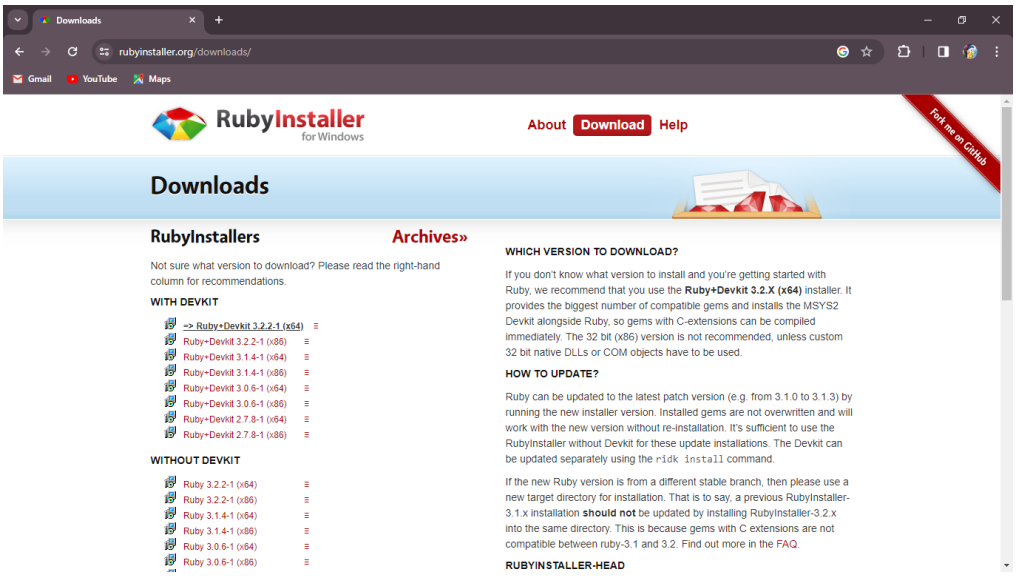
1. Ruby
2. Git
3. Github
4. IBM Cloud

There are the steps to install and deploy the web application,

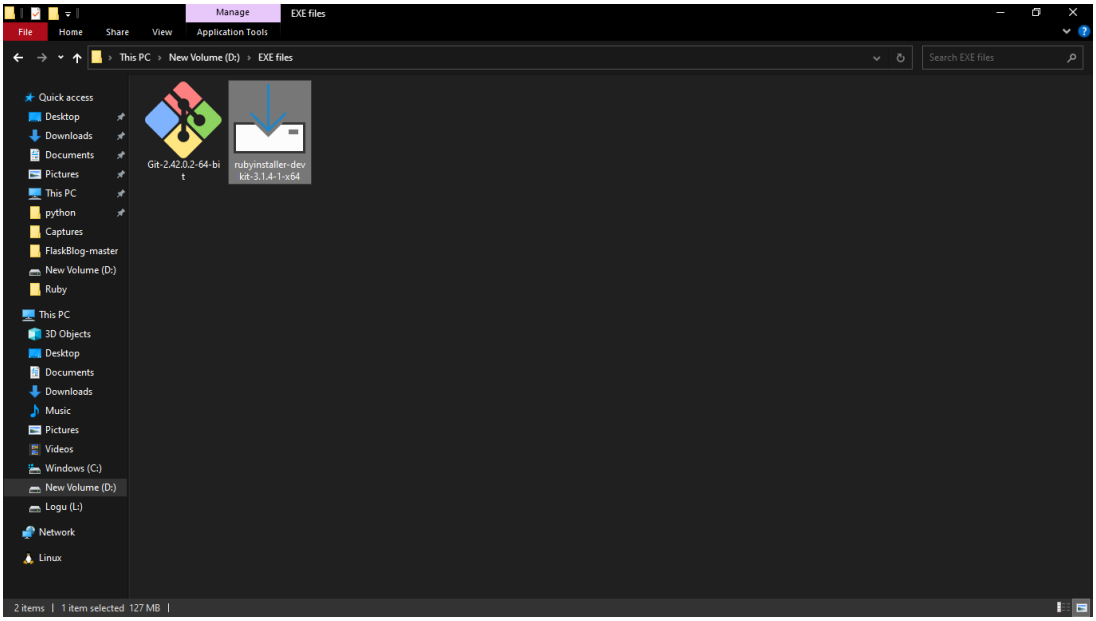
1.Ruby:

Download the ruby from the website : https://rubyinstaller.org/

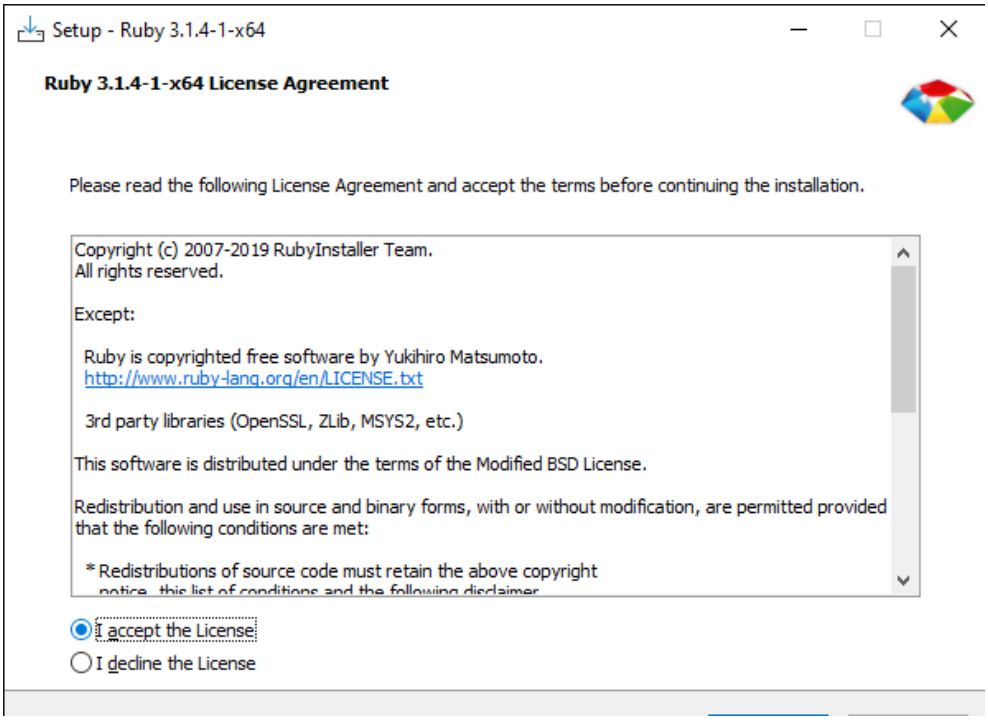
Select the version what ever you want.



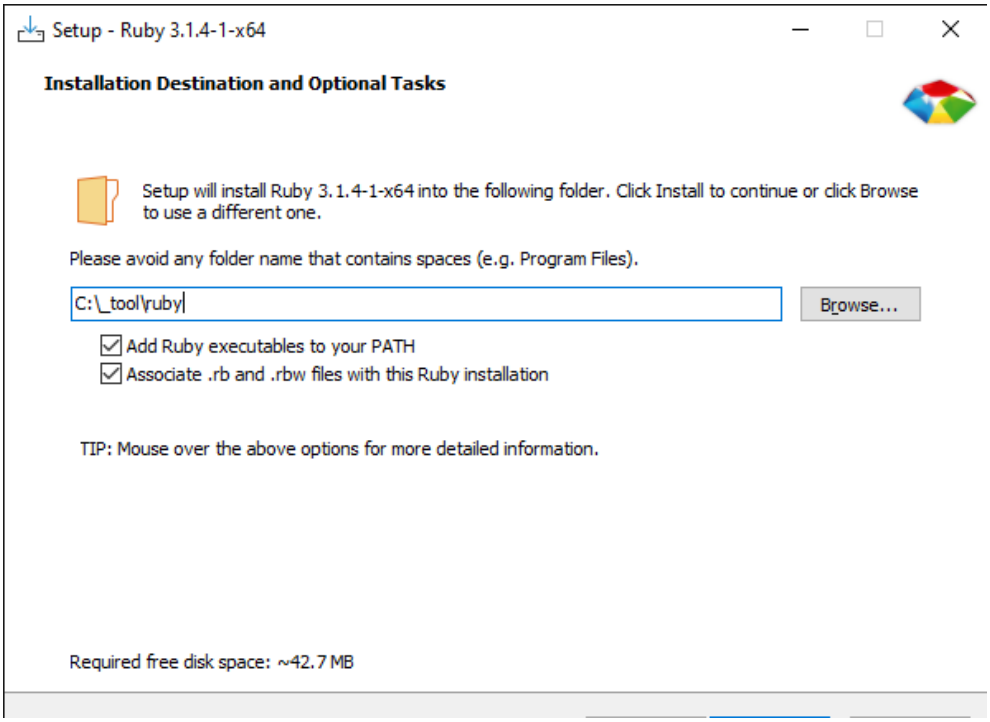
Click the ruby installer and run as a administrator.



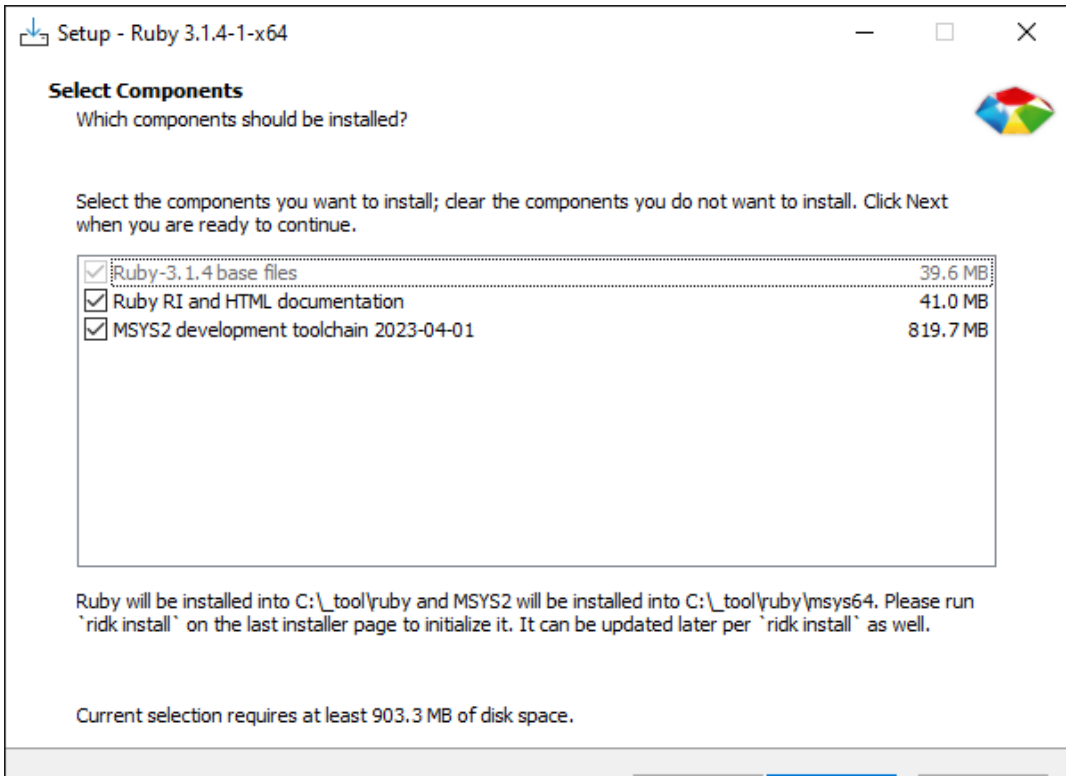
Select the I accept the licence and click next.



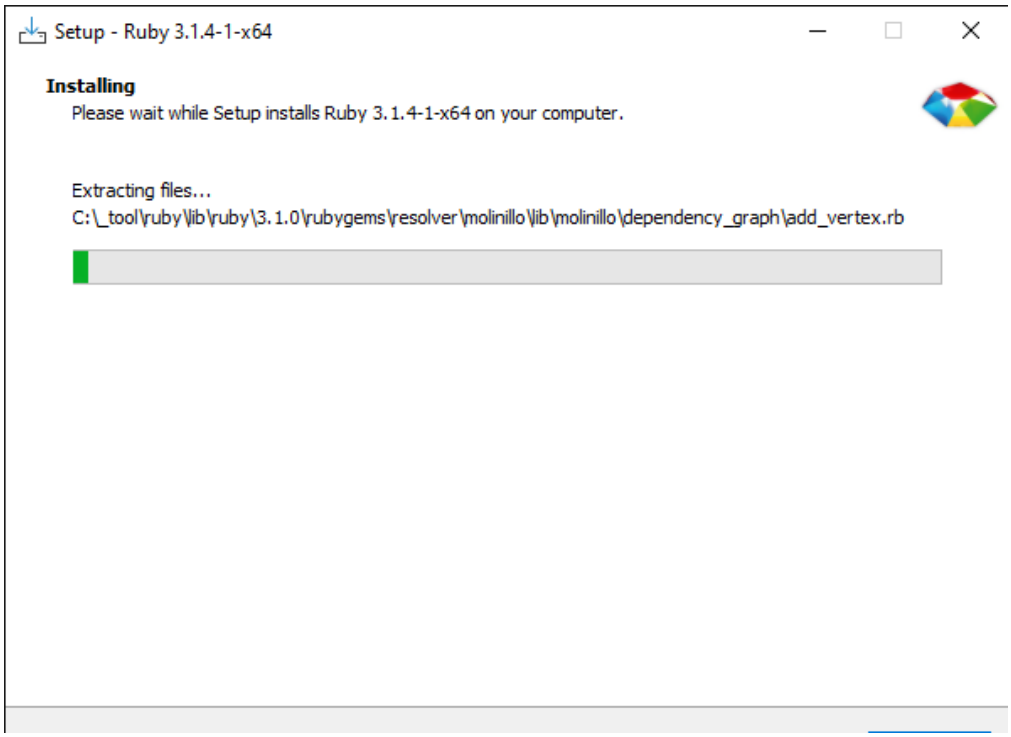
Choose the destination and click the next.



Select the all elements in the checkbox and click install.

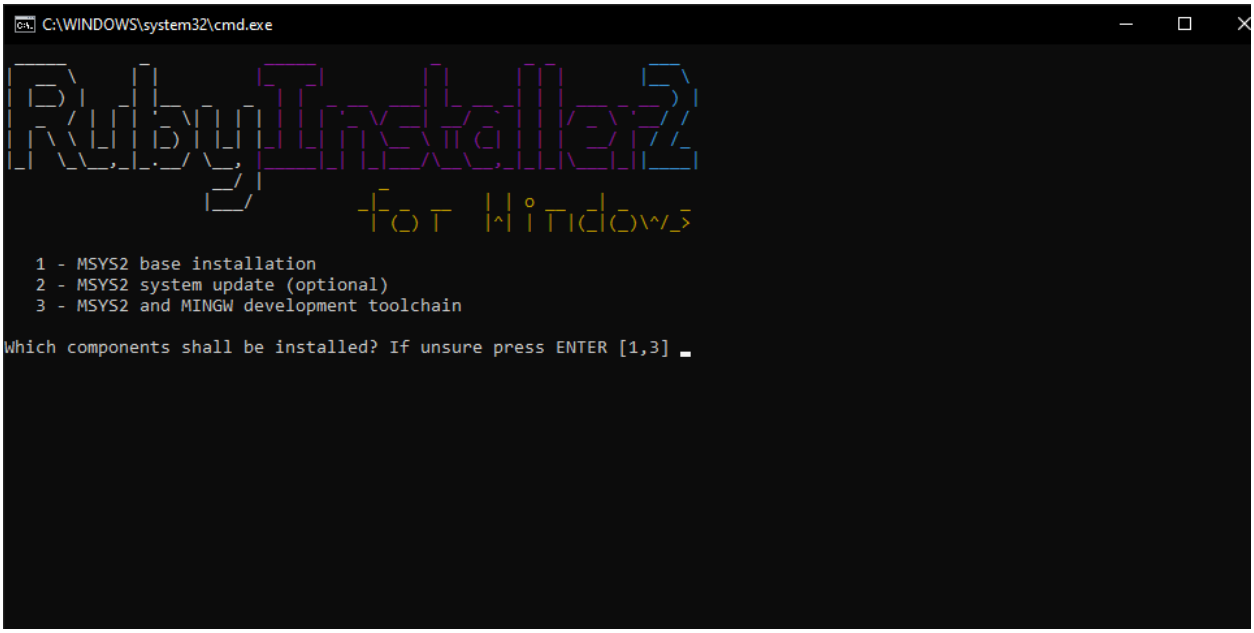


Now the install will be started.

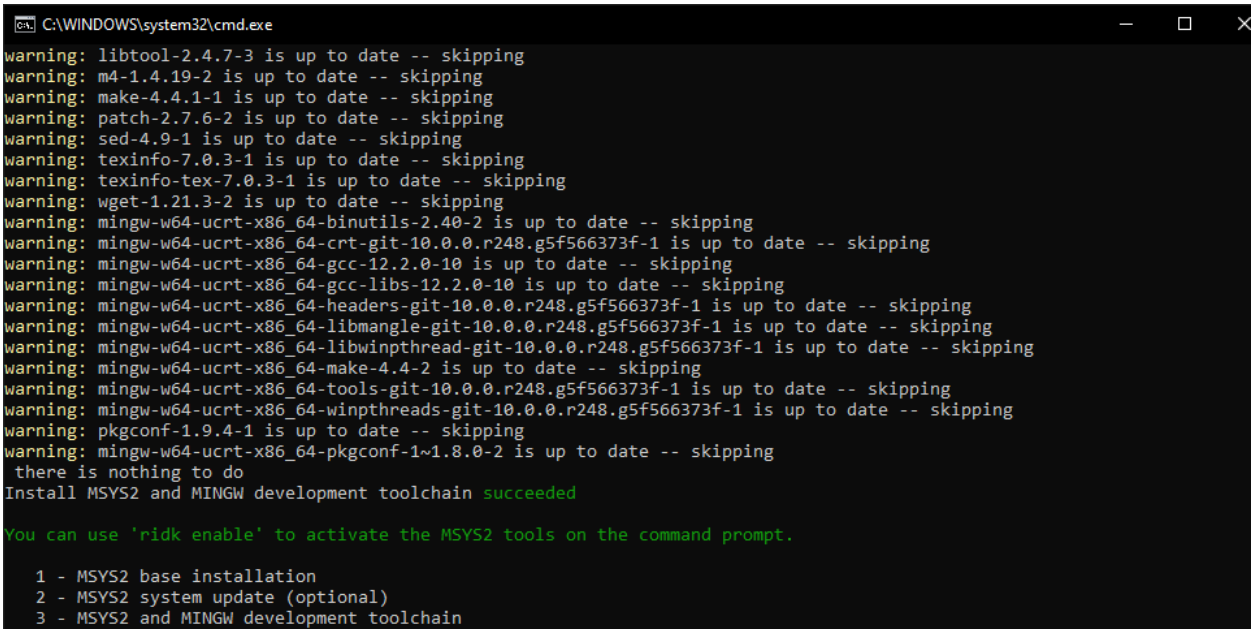


After the installiation process this tab will show and click finish.

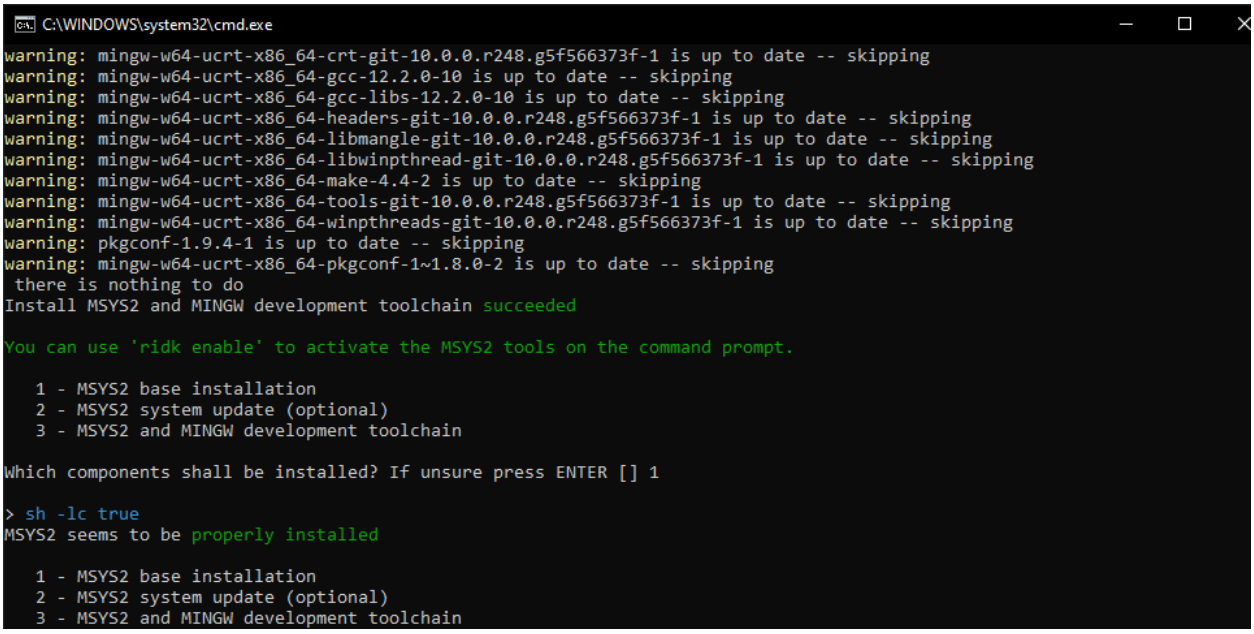
Choose an option for standard installiation.



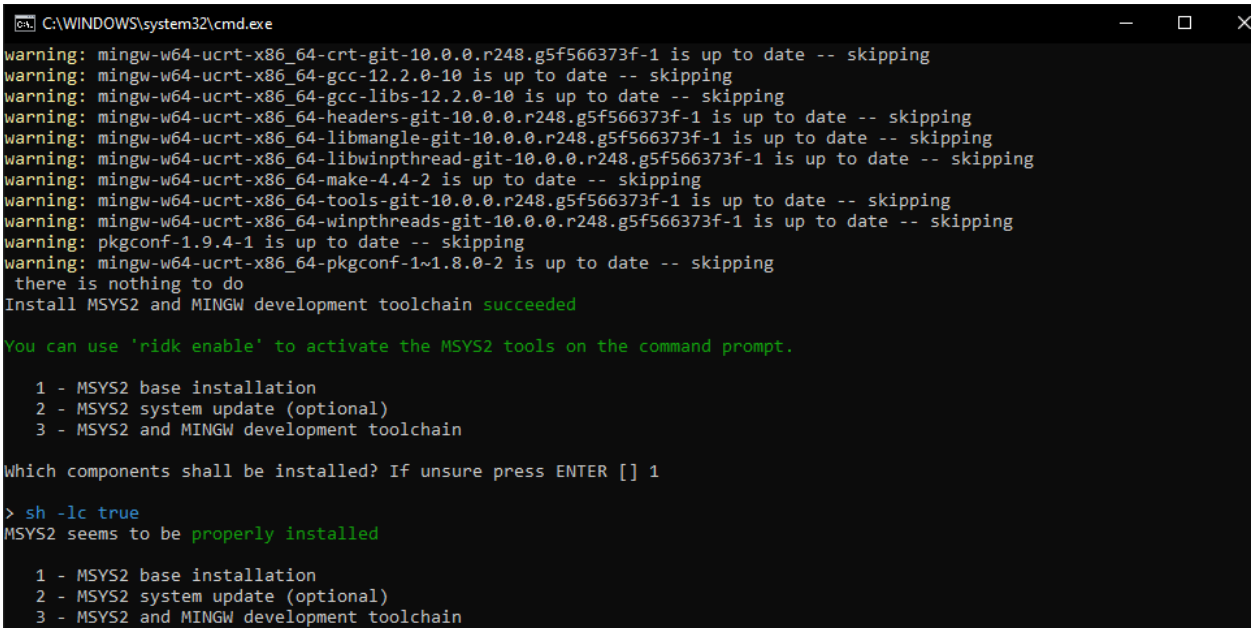
After the standard installiation this option will show.



I am choose the base installiation for additional.

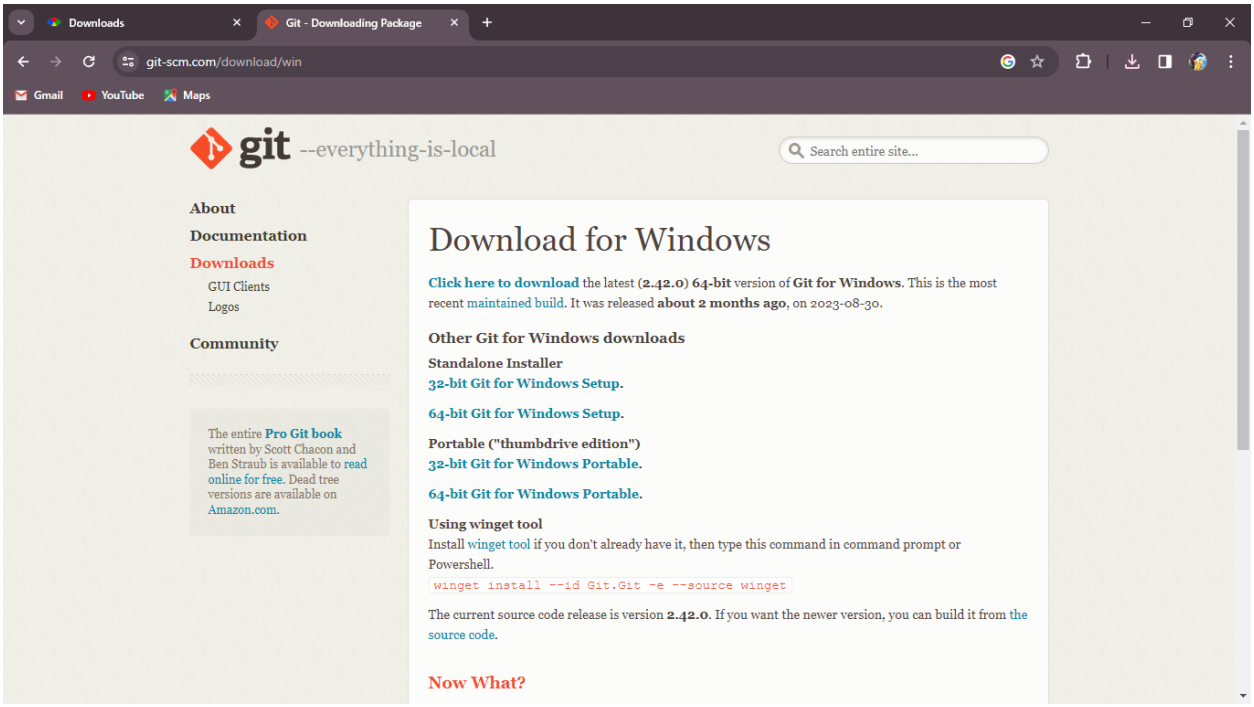


After the base installiation simply press the enter to close the command prompt.

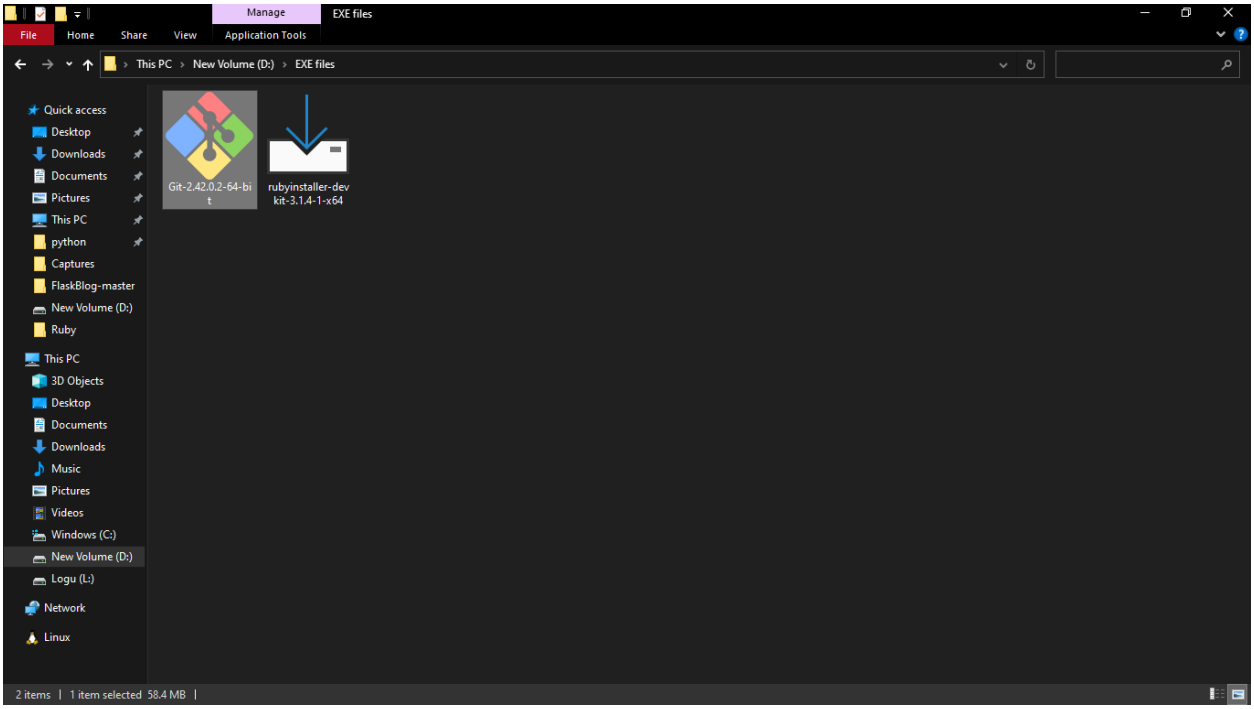


2.Git:

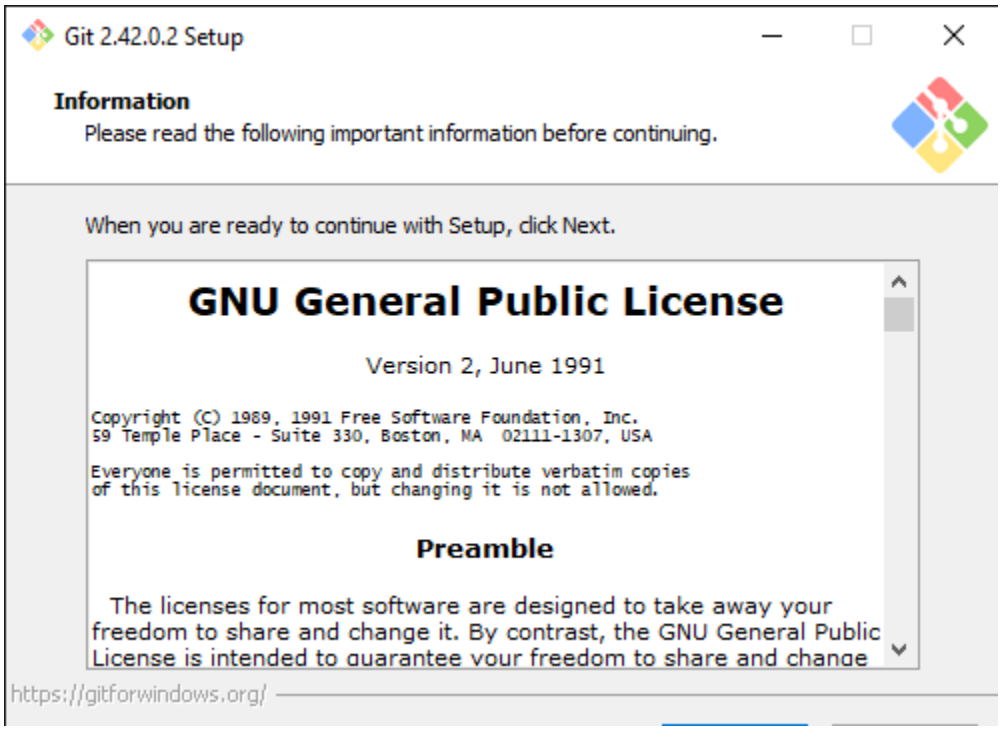
Download the git from the website : https://git-scm.com/download/win



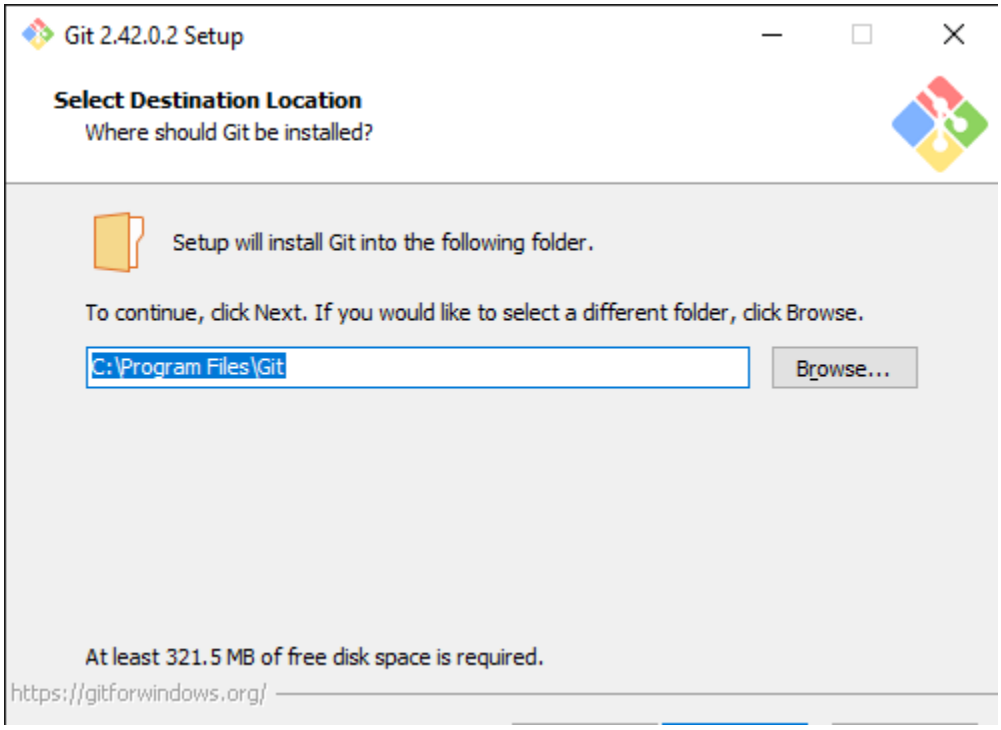
Click the Git and run as a administrator.



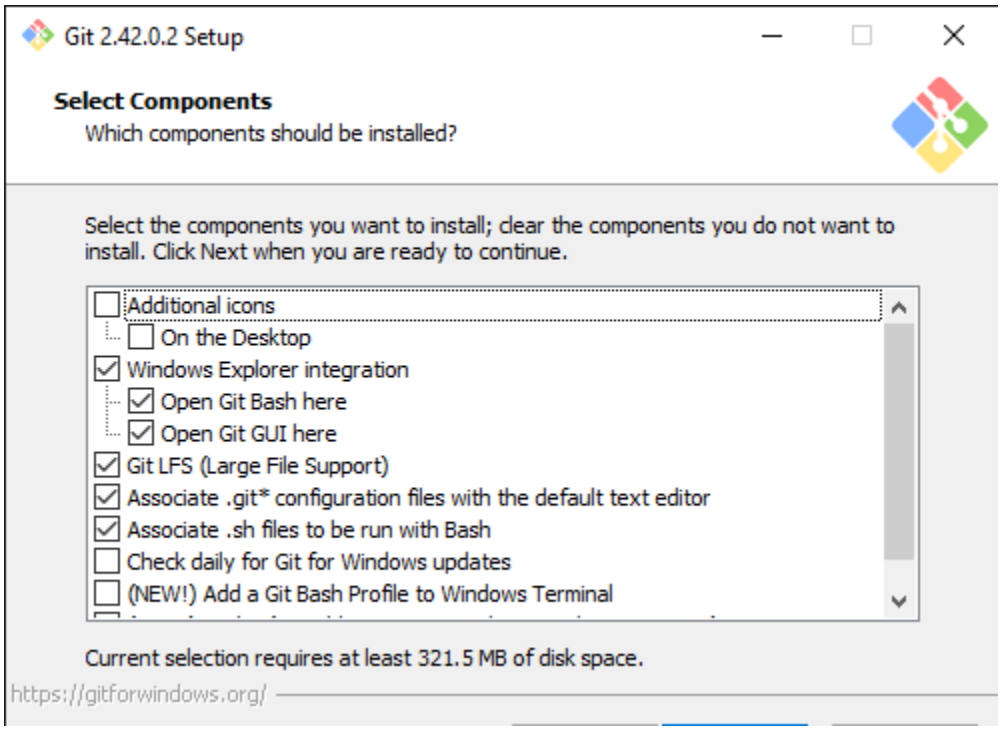
Click the licence aggrement and click next.



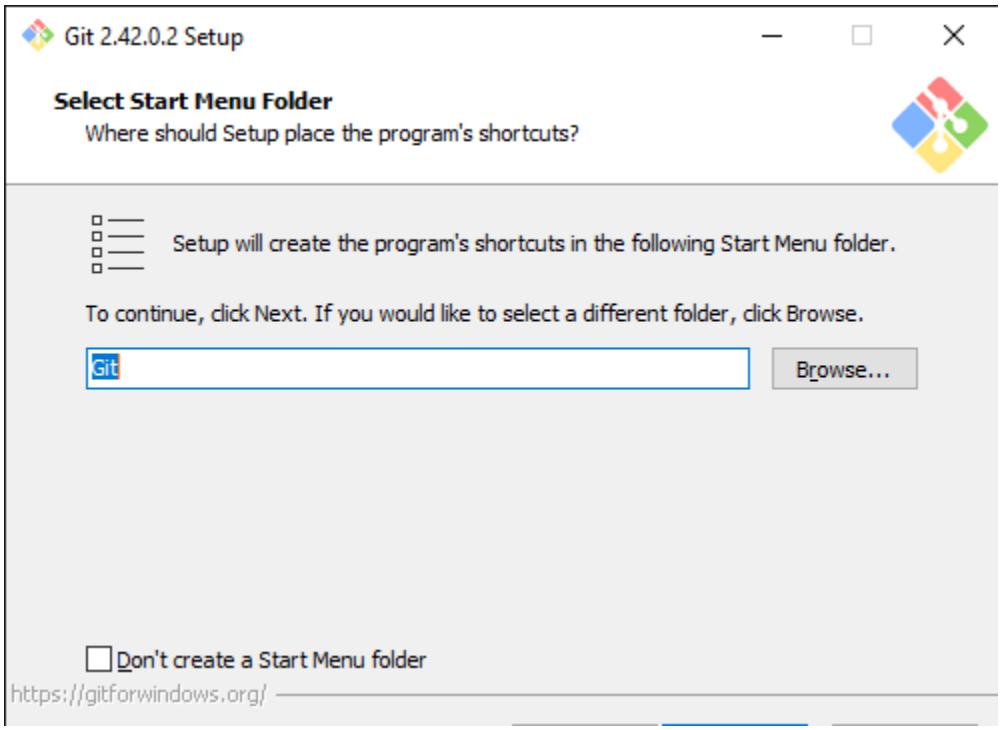
Choose the destination of a Git files.



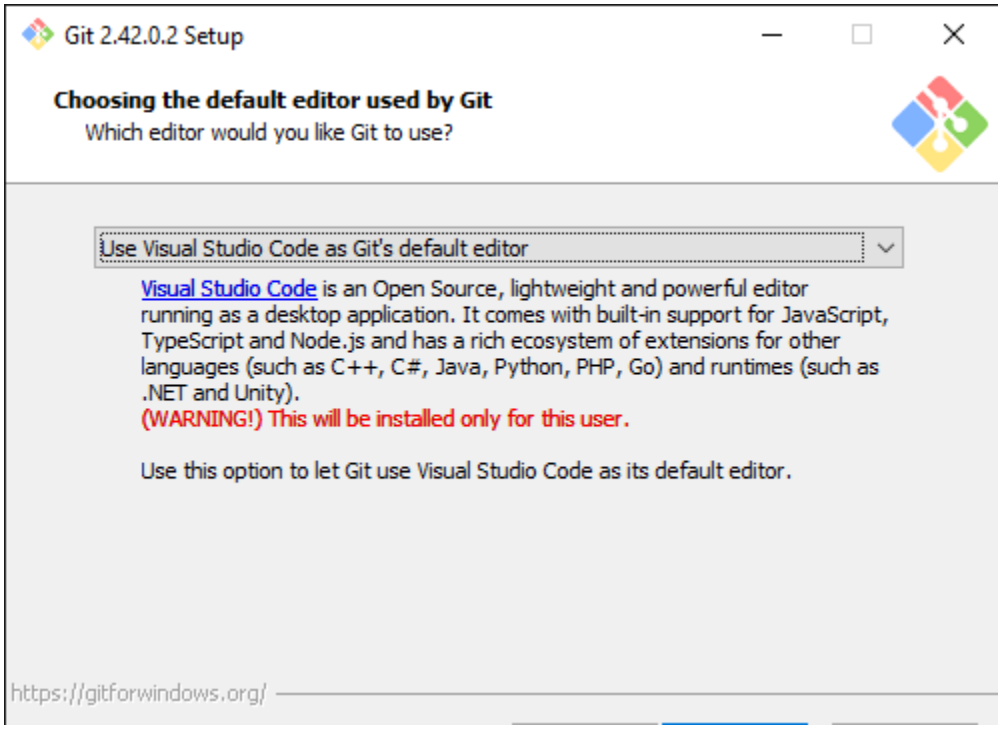
Click the checkboc what ever you want.



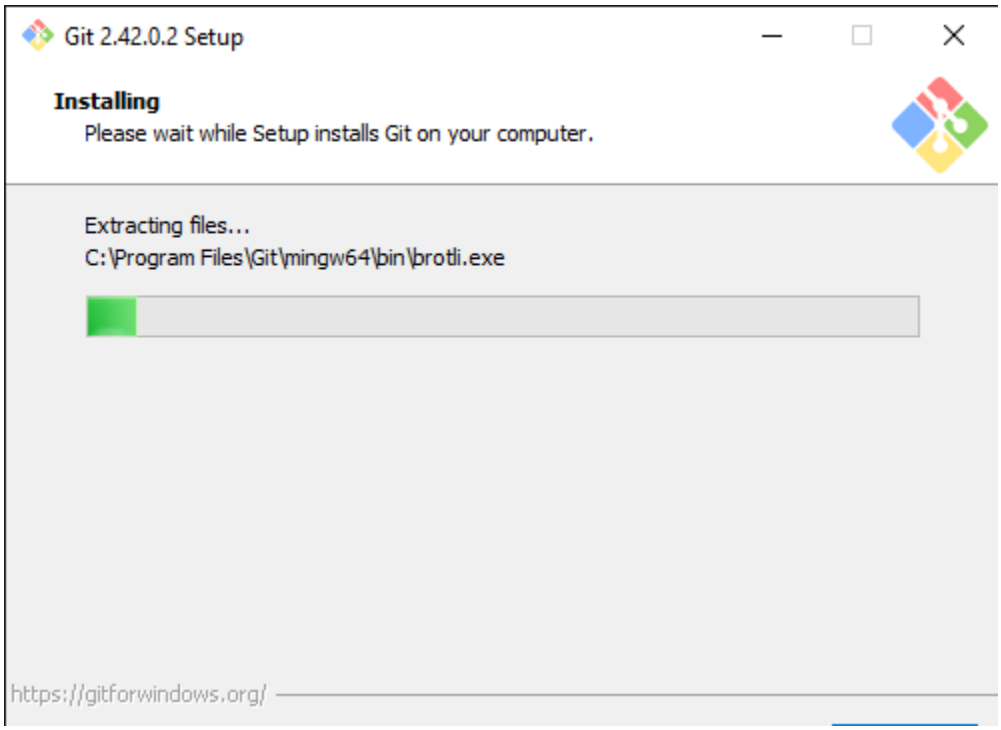
If you want to change the name change in this tab.



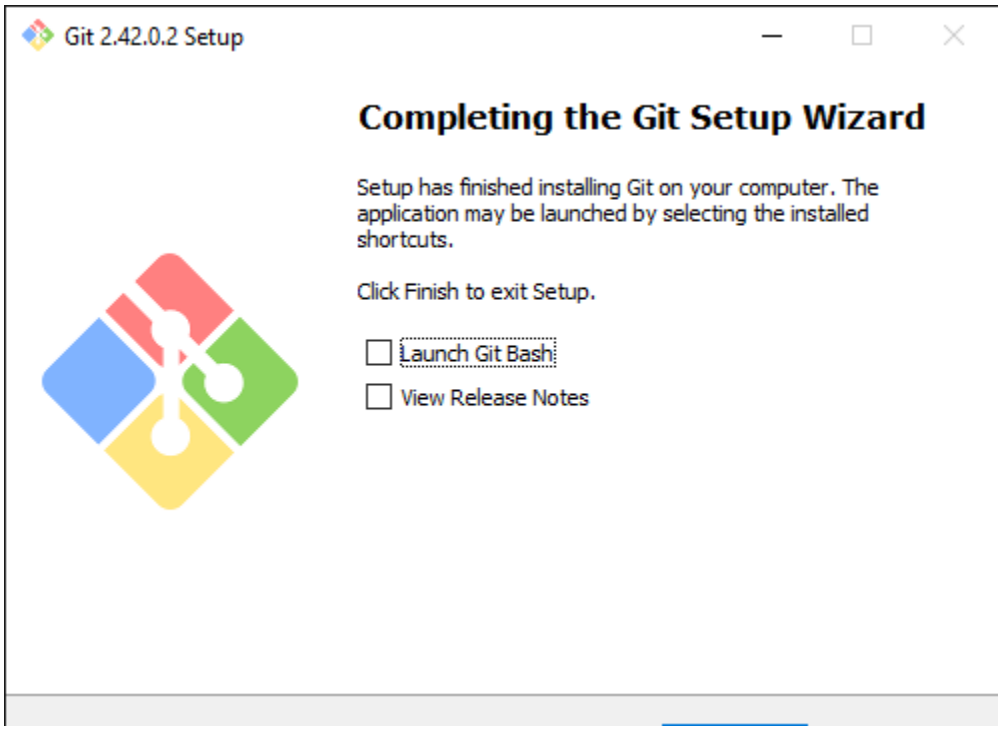
Choose the default note editor for Git editor.



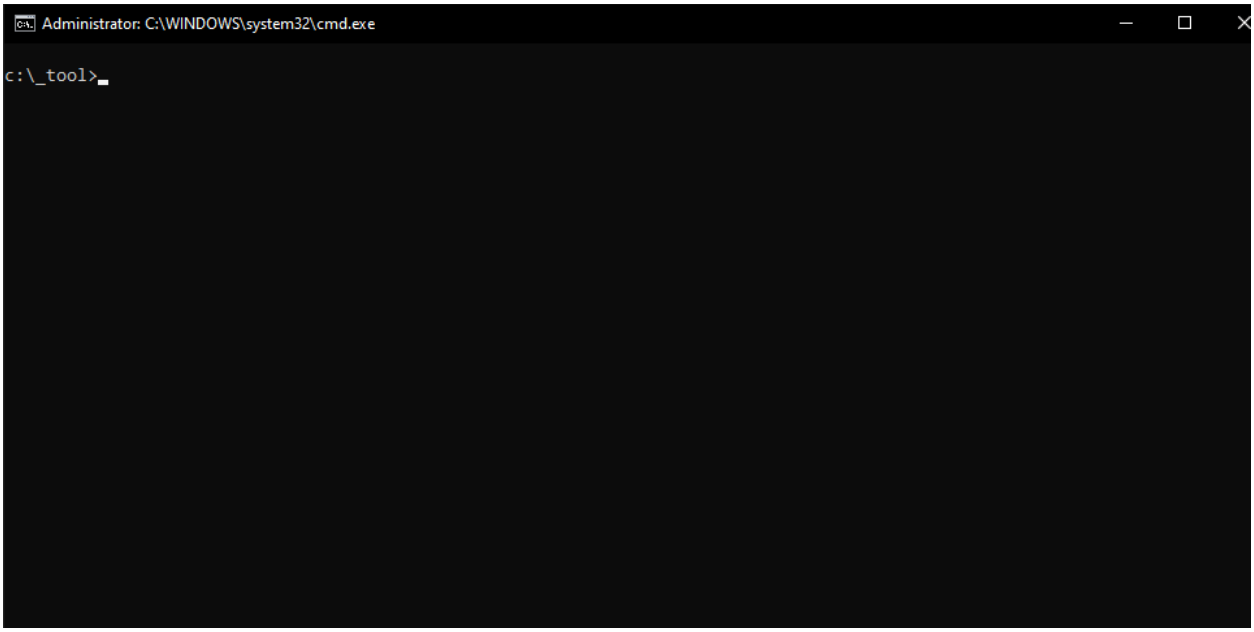
After click install the install process will started.



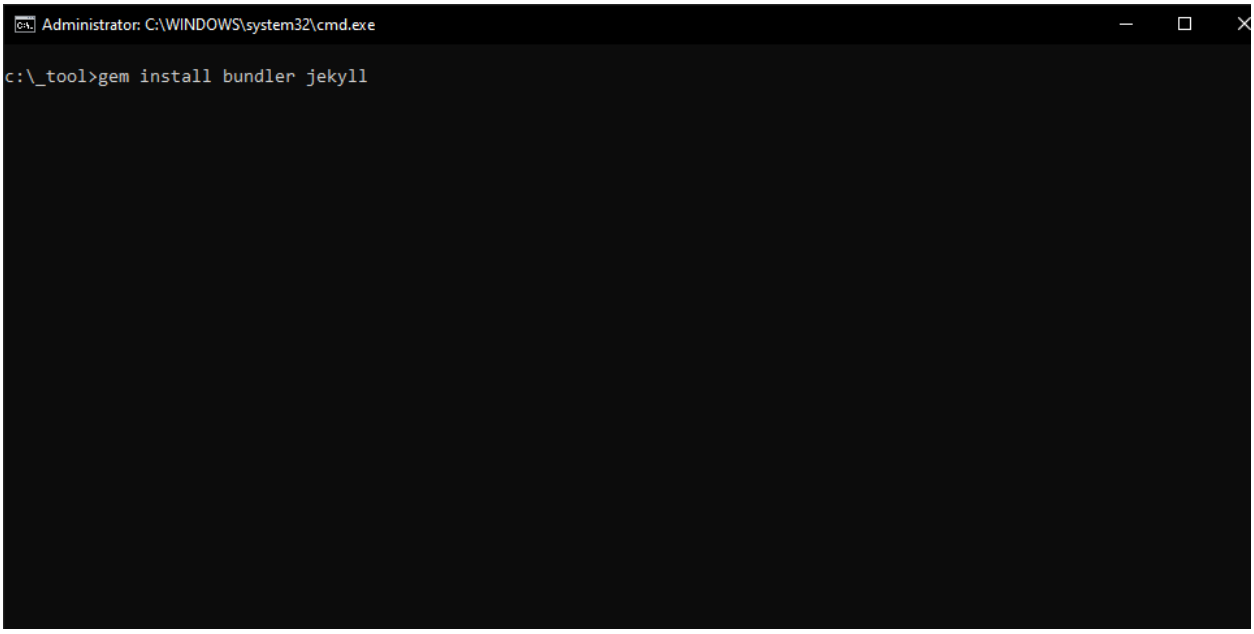
After the installation process this tab will show, just click finish to complete the Git installation.



Now open cmd and choose an destination where the ruby installed.

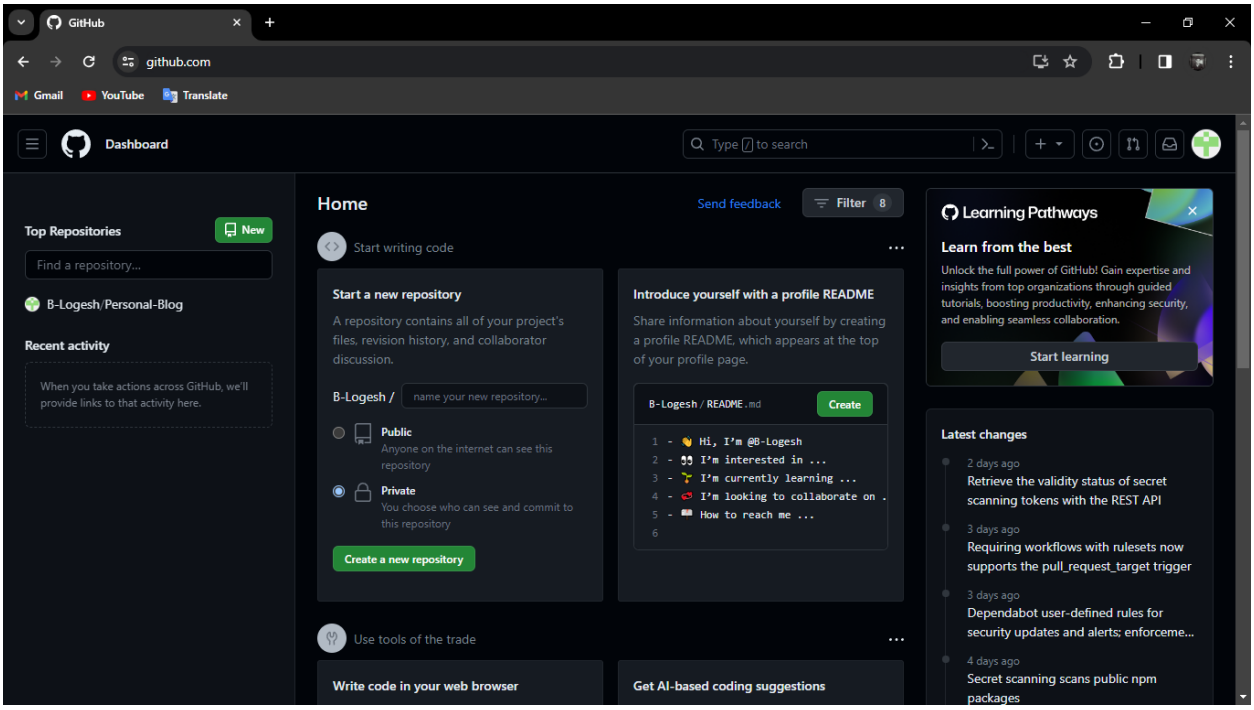


Run this command to install Jekyll from ruby.

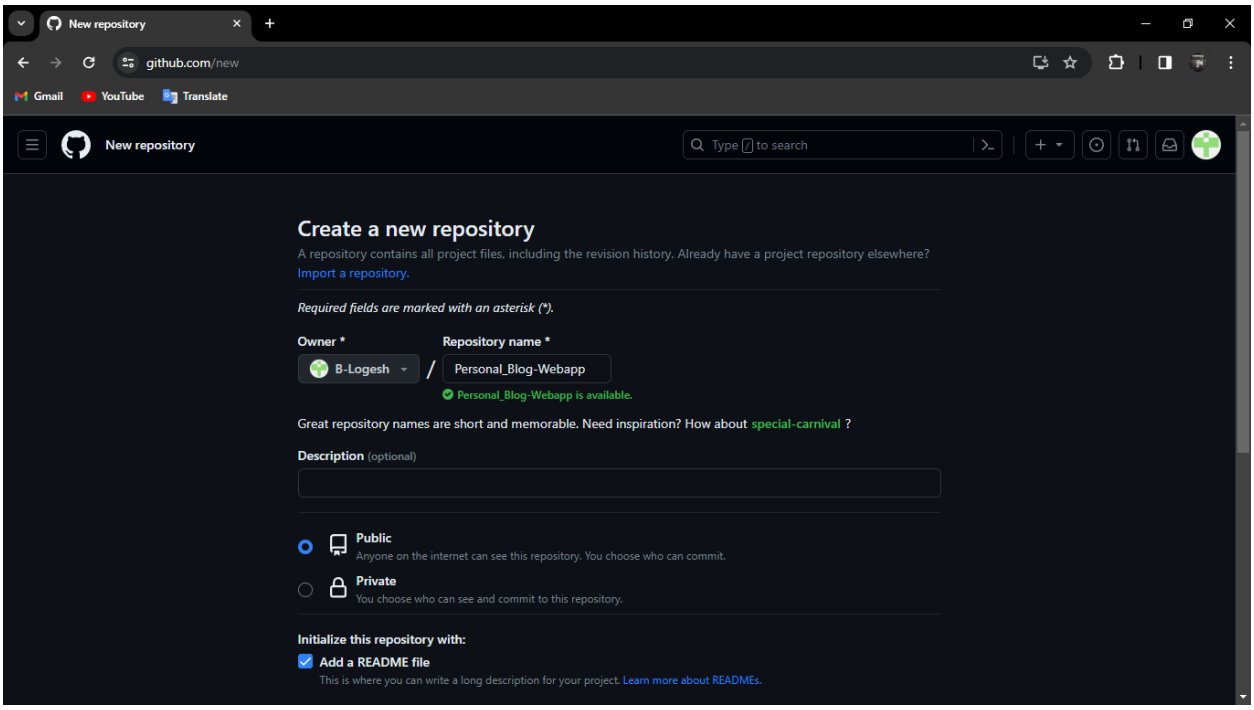


3.Github:

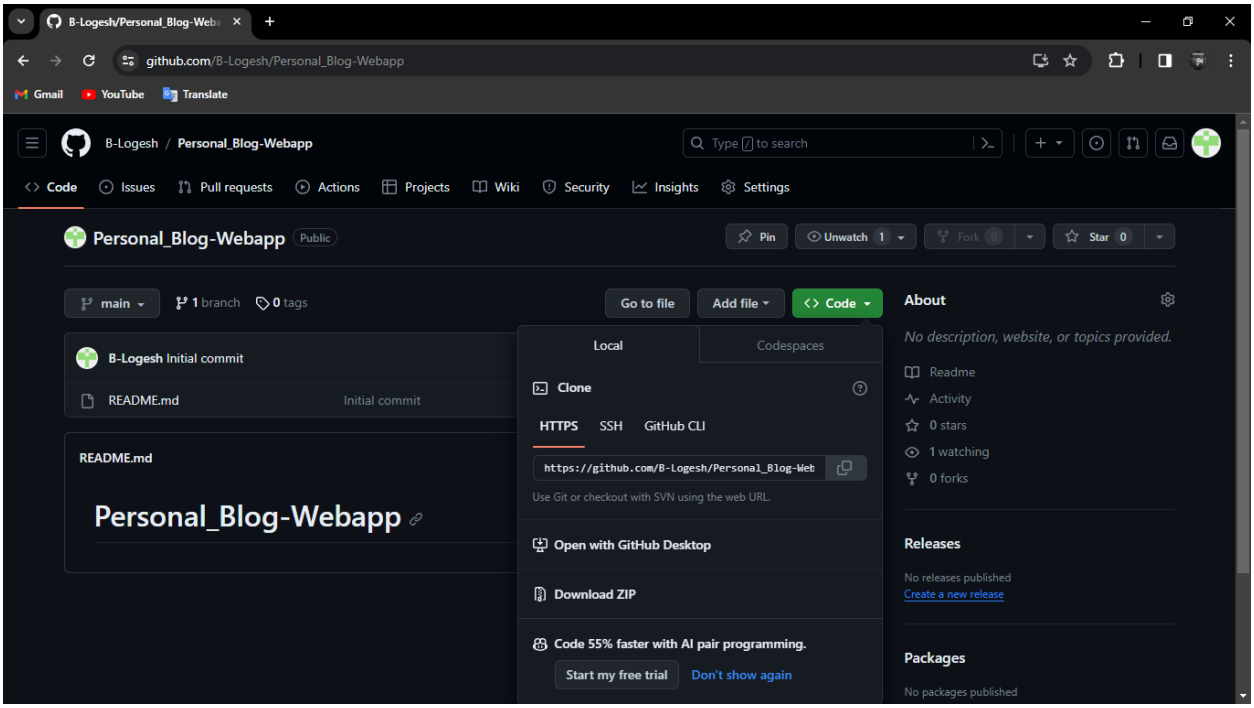
Open your github with your email id and password.



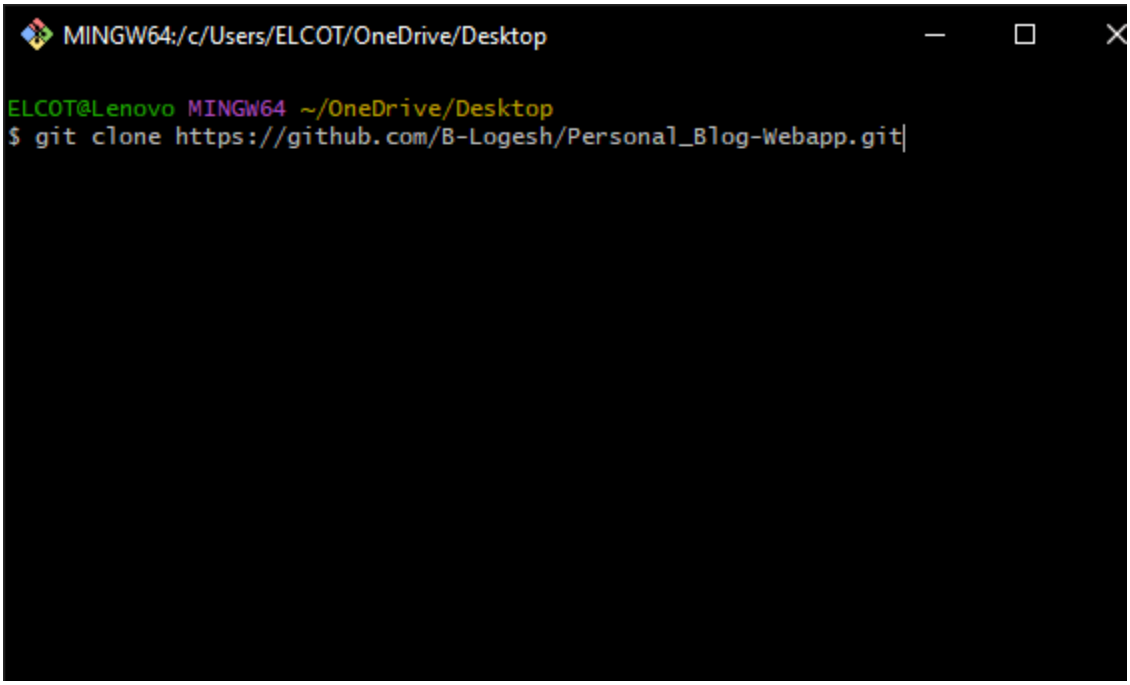
Create new repository and name it your project name.



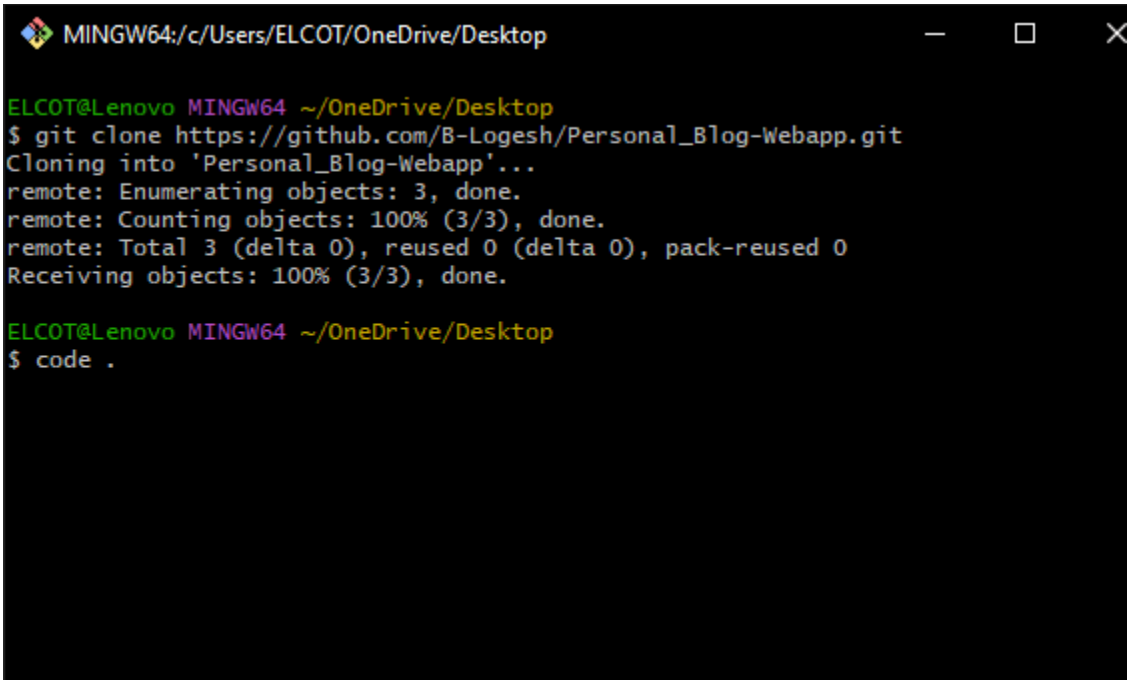
After the repository created, goto code and copy the URL.



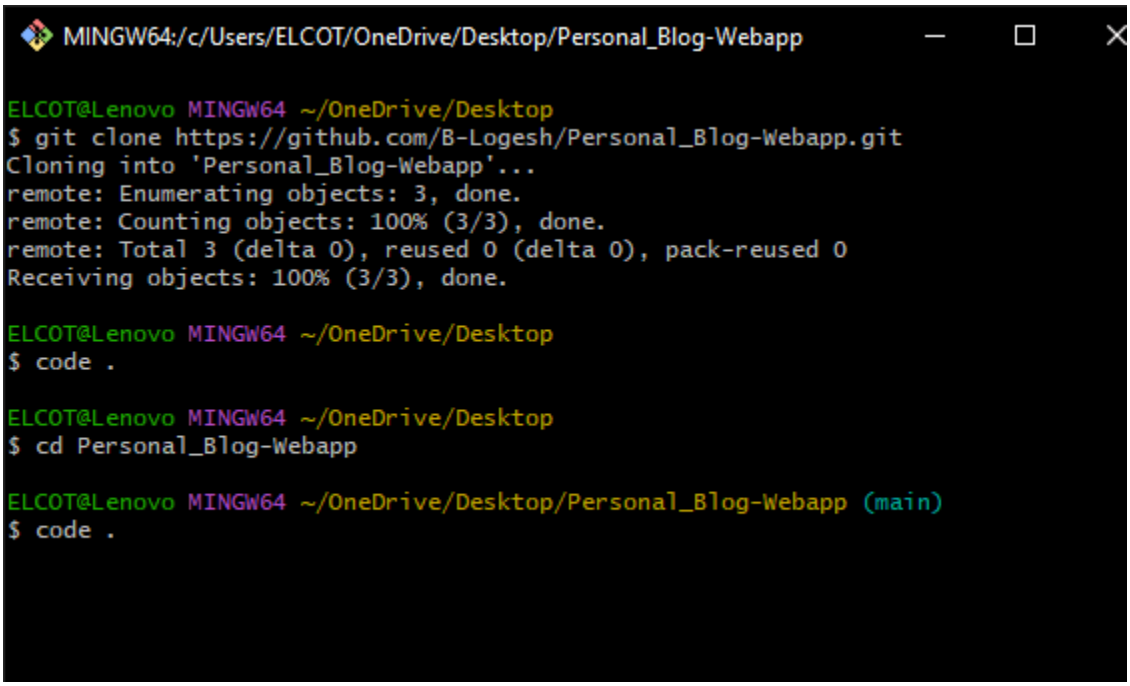
Open your git bash and type the command : git clone <URL> and press enter.



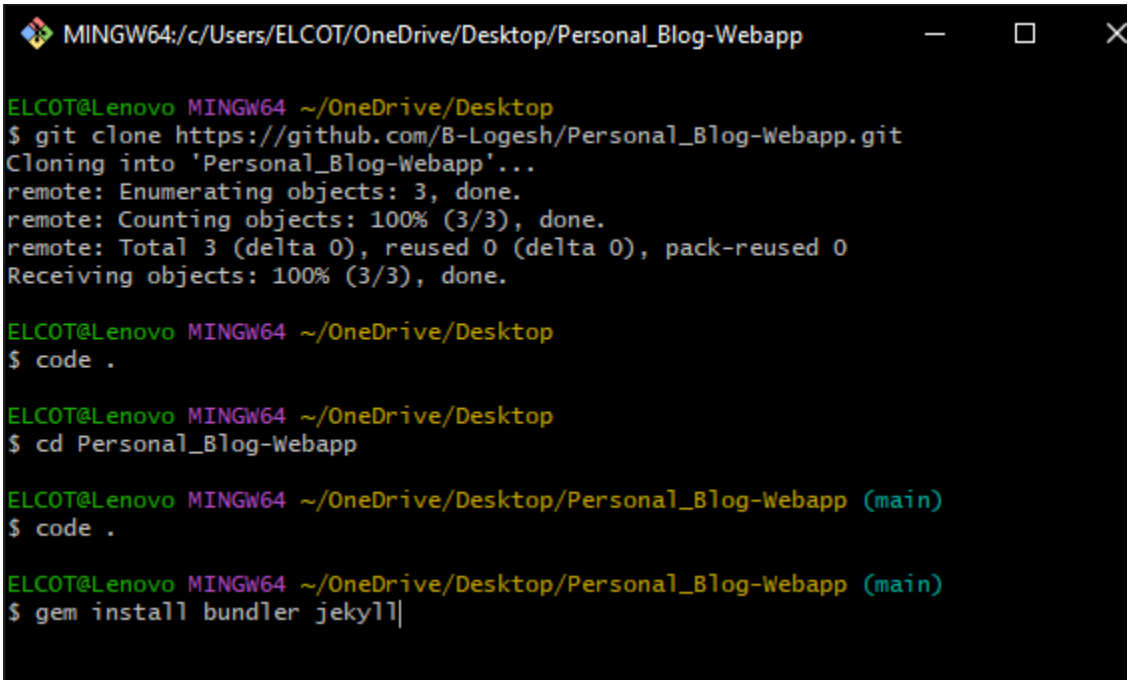
After that cloning use **“code .”** command to open the file into custom editor.



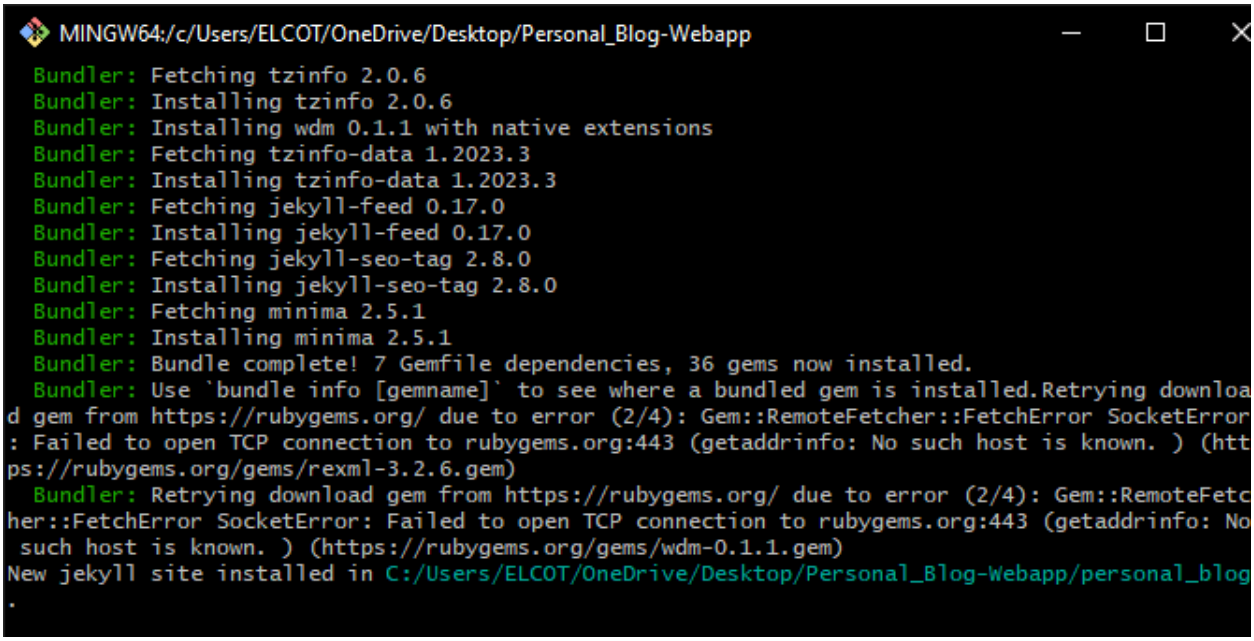
Use cd <Folder name> to change the directory to the folder.



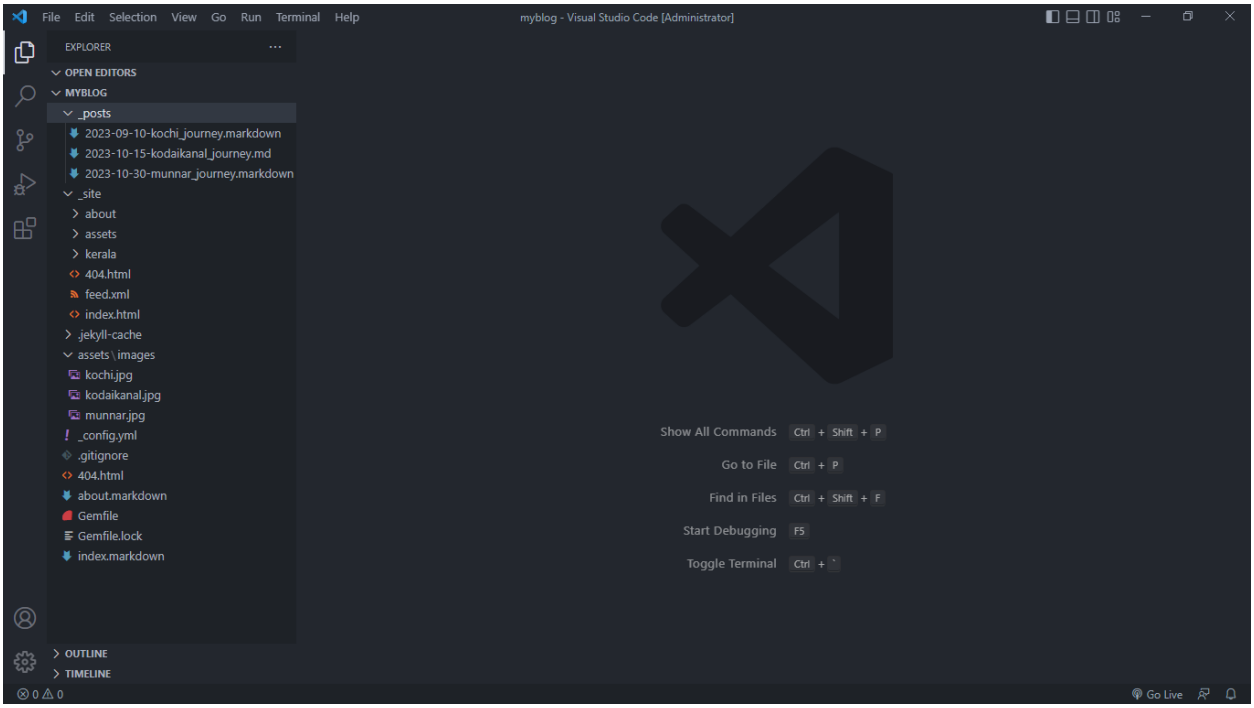
Now create the web app structures from the Jekyll and the command : gem install bundler jekyll



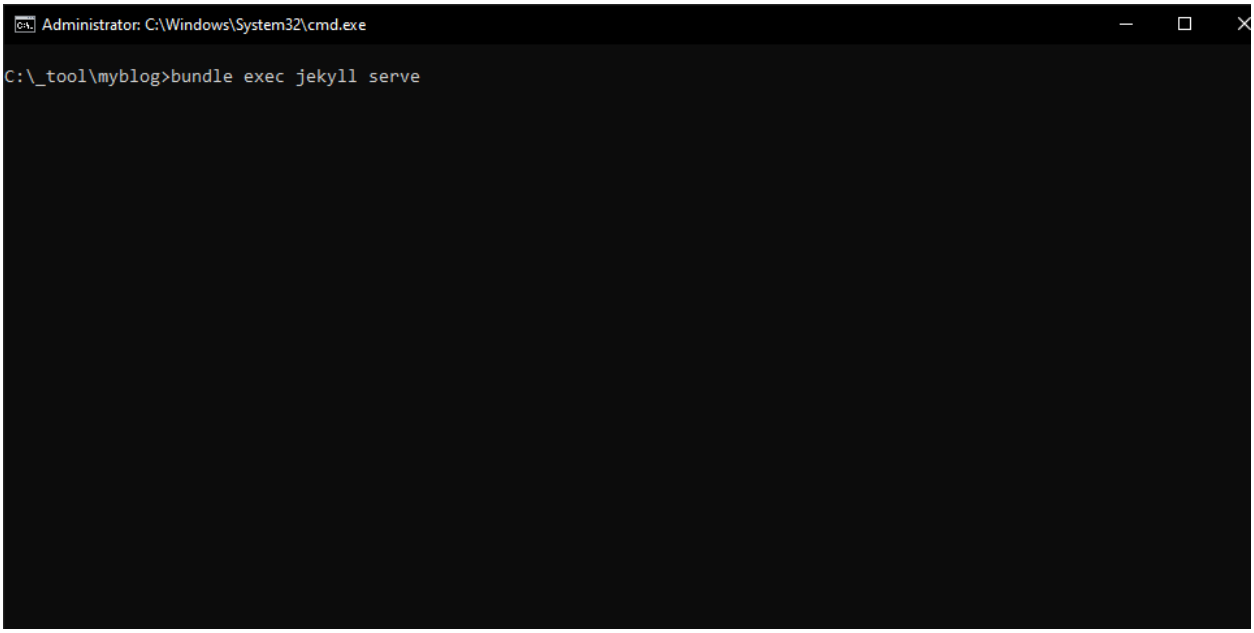
This is the output after success install of Jekyll bundle.



Use code . command to get into the editor.



Run command prompt as administrator and type this code and press enter.



Here is the output :