

Git

➤ GIT Evolution.

GIT was created by **Linus Torvalds** in **2005** to develop Linux Kernel. It is also used as an important distributed version-control tool for **the DevOps**.

➤ What is Git?

GIT is an **open-source distributed version control system**. It is designed to handle minor to major projects with high speed and efficiency. It is developed to co-ordinate the work among the developers. The version control allows us to track and work together with our team members at the same workspace.

➤ GIT Features.

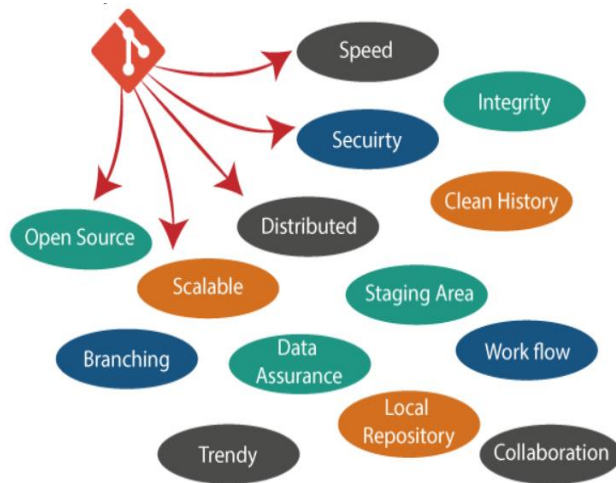


➤ GIT Services.

GIT is foundation of many services like **GitHub** and **GitLab**, but we can use GIT without using any other GIT services. GIT can be used **privately** and **publicly**.

➤ Why Git?

One of the biggest advantages of GIT is its **branching capabilities**. Unlike centralized version control systems, GIT branches are cheap and easy to merge. This facilitates the feature branch workflow popular with many GIT users.



GIT Integrity

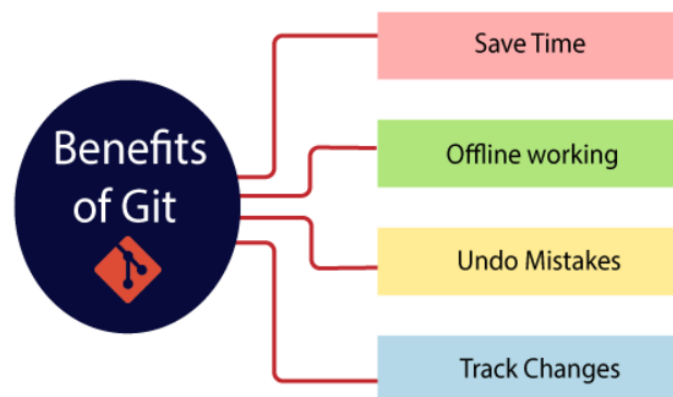
Trendy Version Control System

Everything is Local

Collaborate to Public Projects

Impress Recruiters

➤ Benefits of GIT



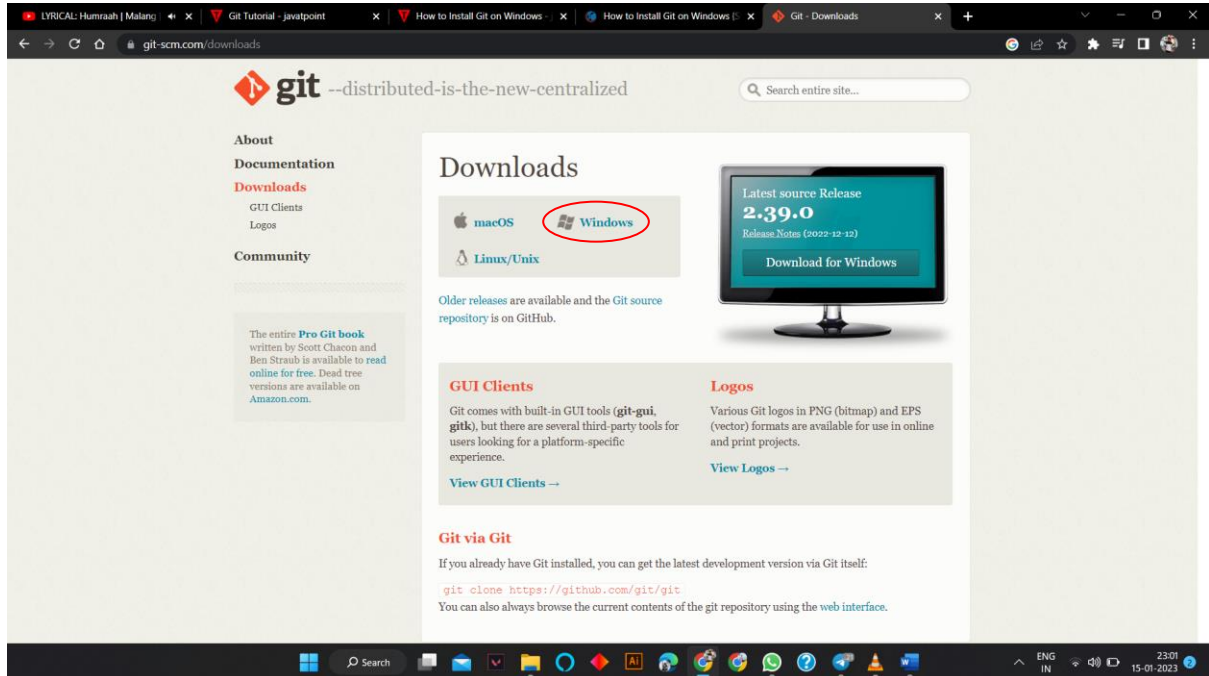
➤ Why Git is called Configuration Tool?

Git comes with a tool called git config that lets you get and set configuration variables that control all aspects of how Git looks and operates.

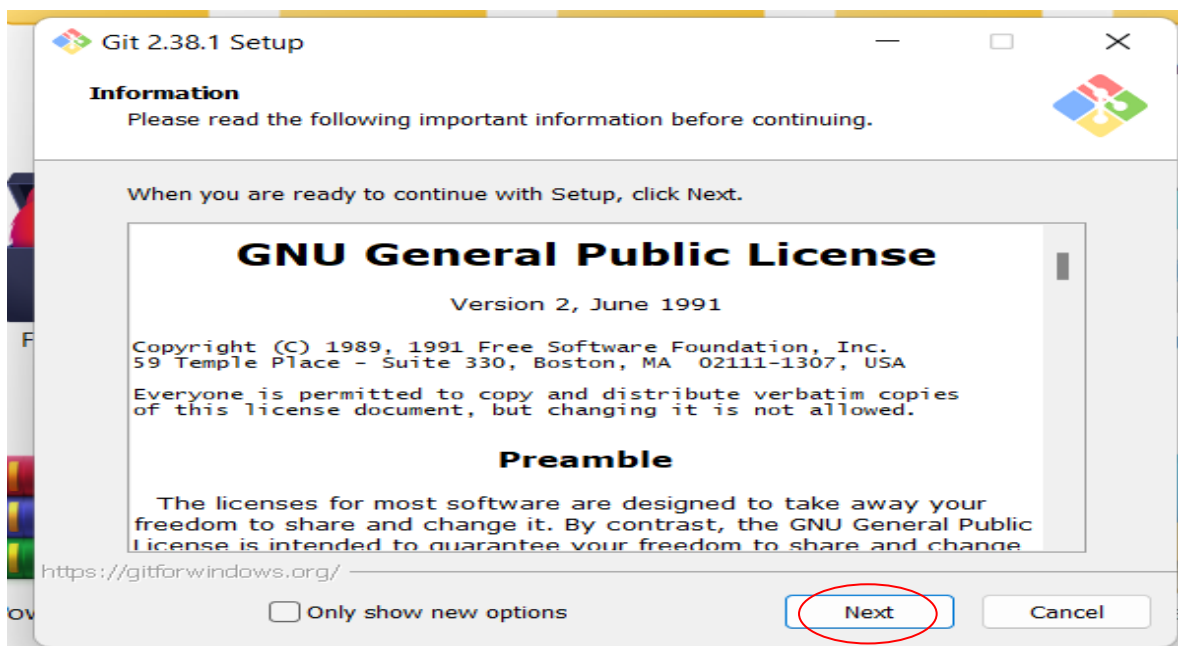
GIT installation in Windows.

- Step 1: Link: <https://git-scm.com/downloads>

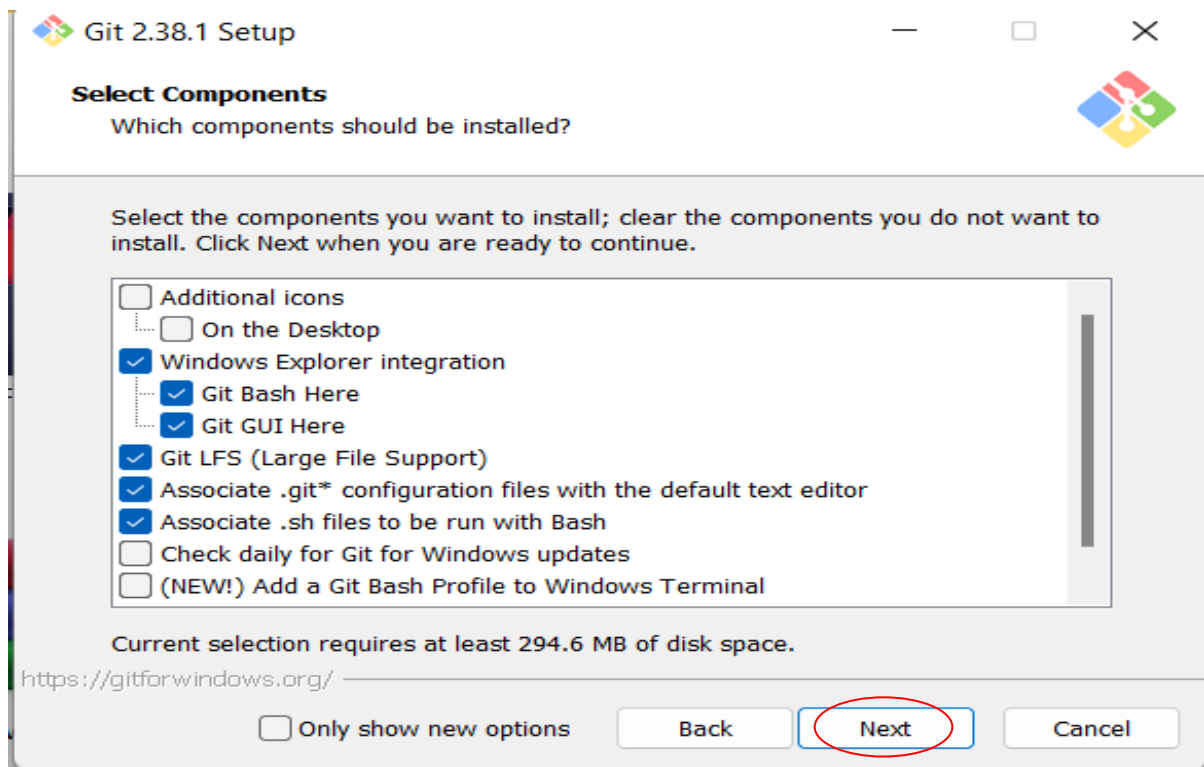
Step 2:



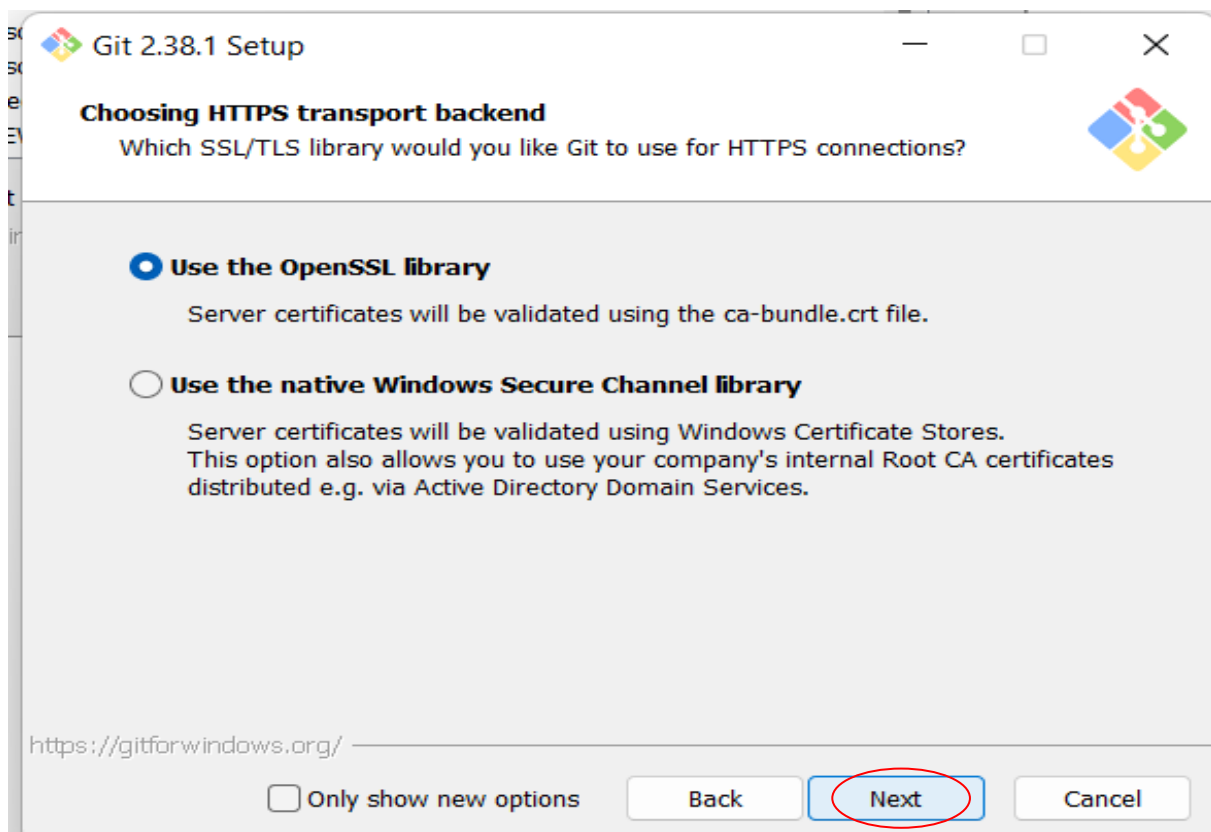
- Step 2:



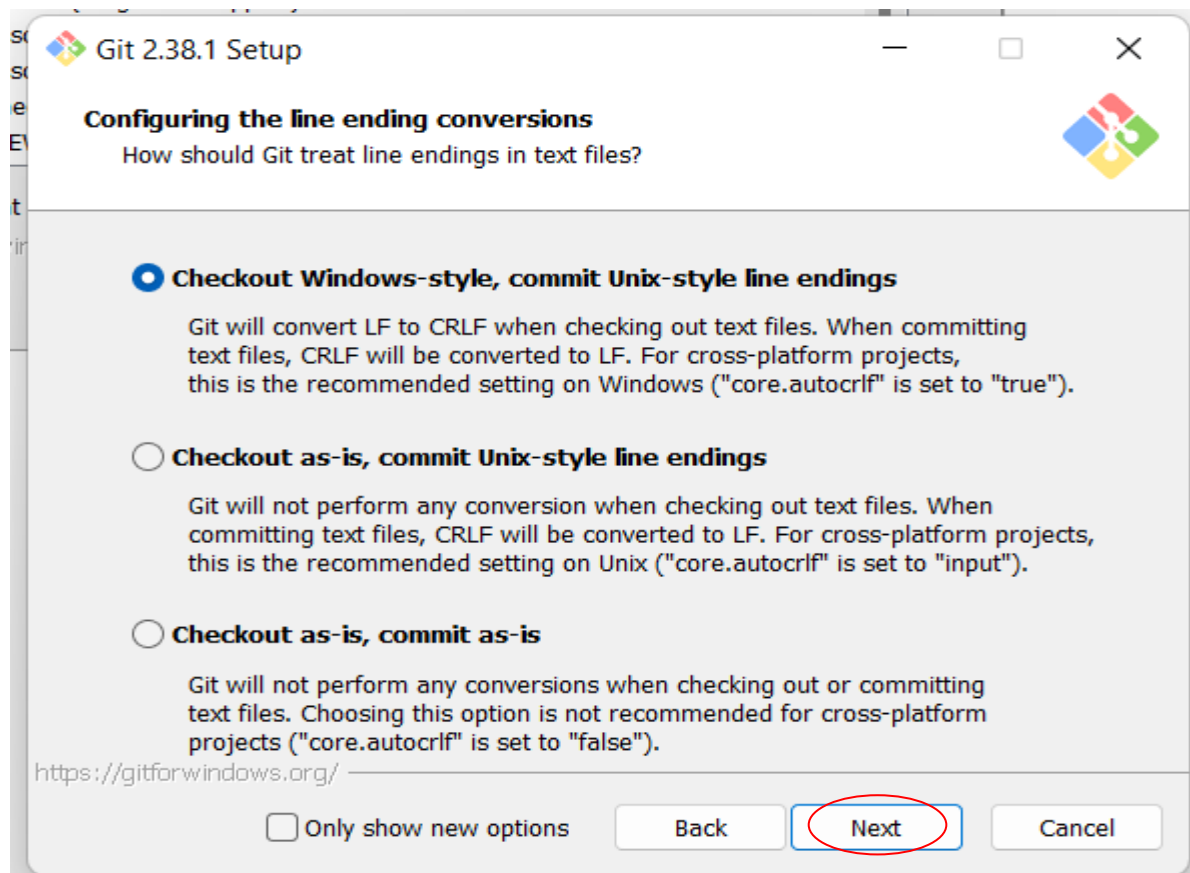
➤ Step-3:



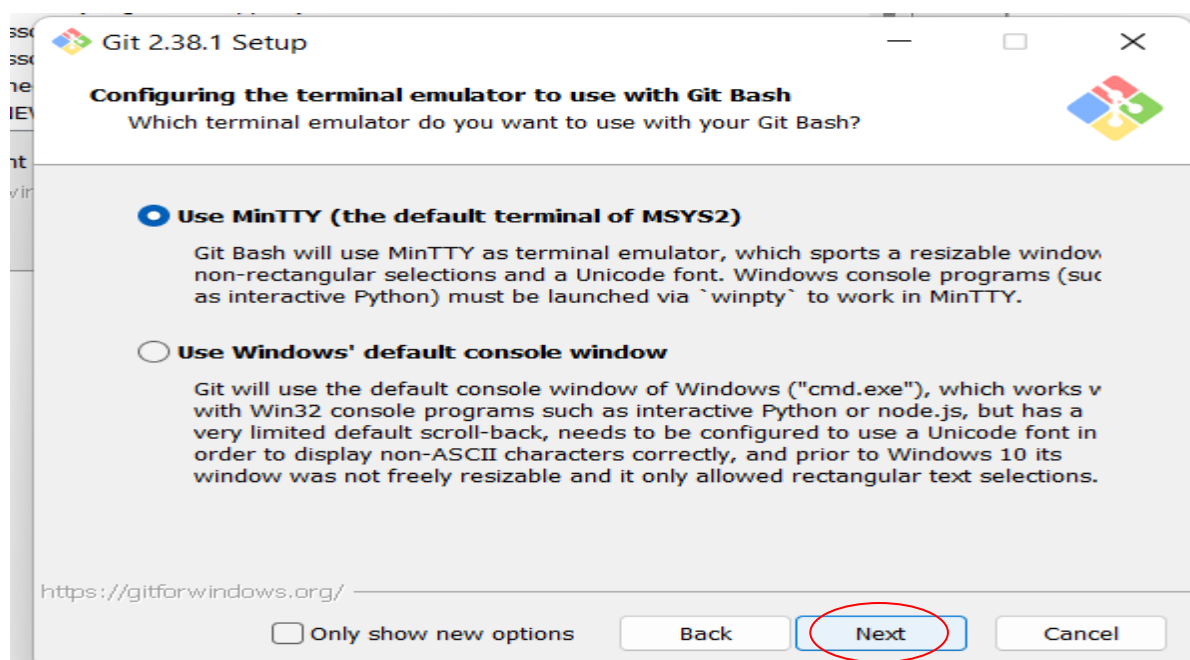
➤ Step-4:



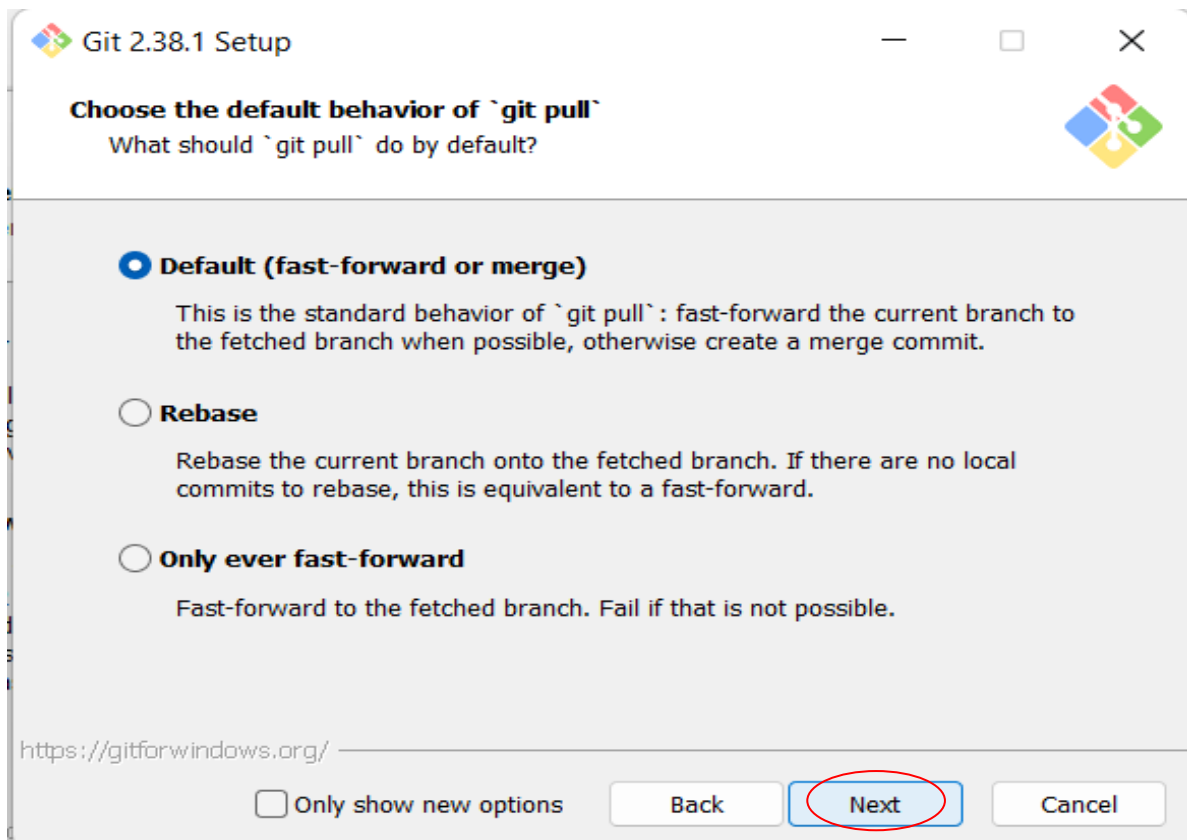
➤ Step-5:



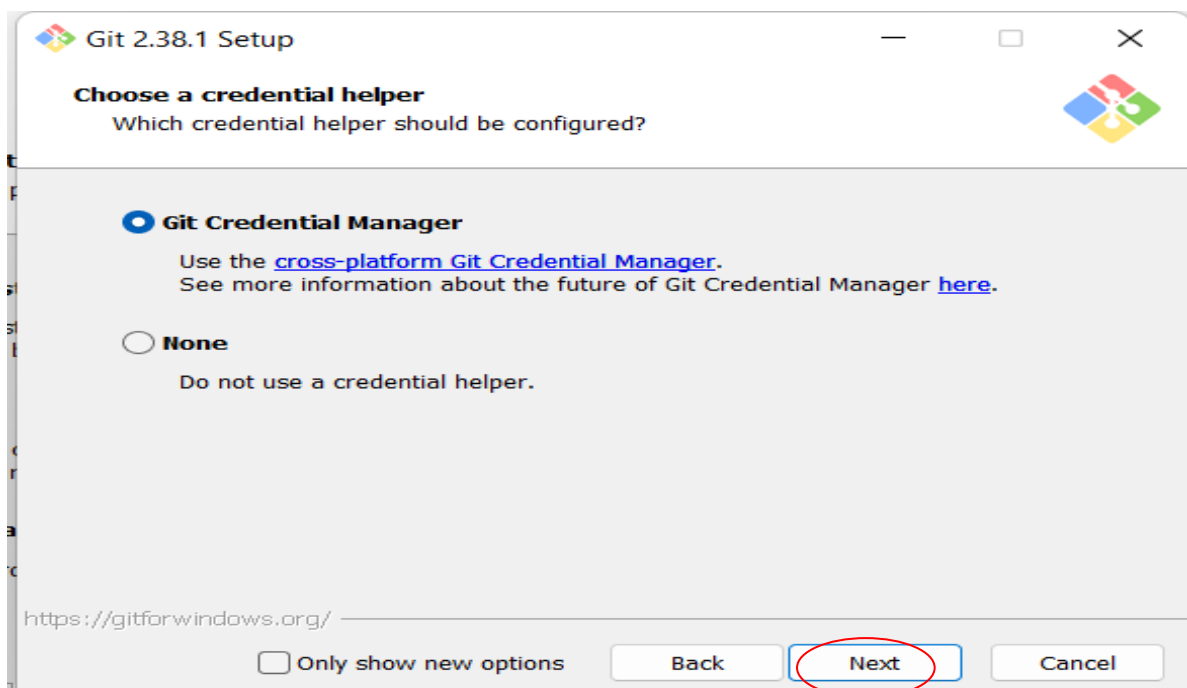
➤ Step-6



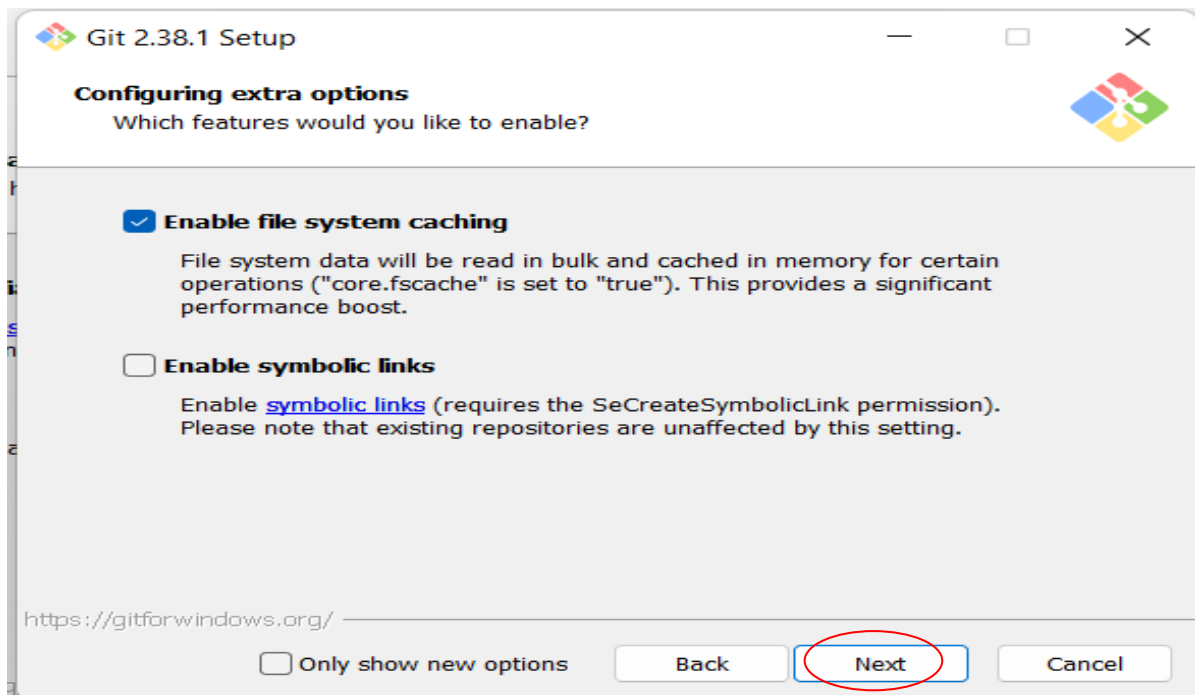
➤ Step-7



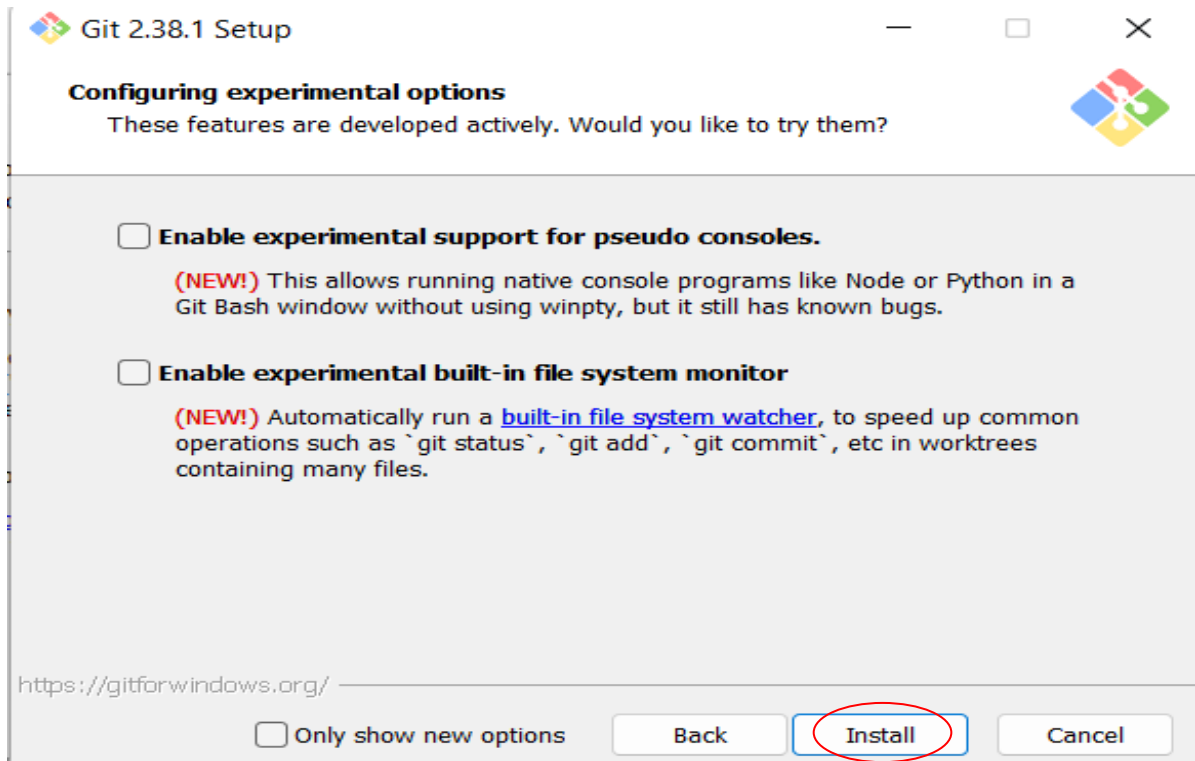
➤ Step-8



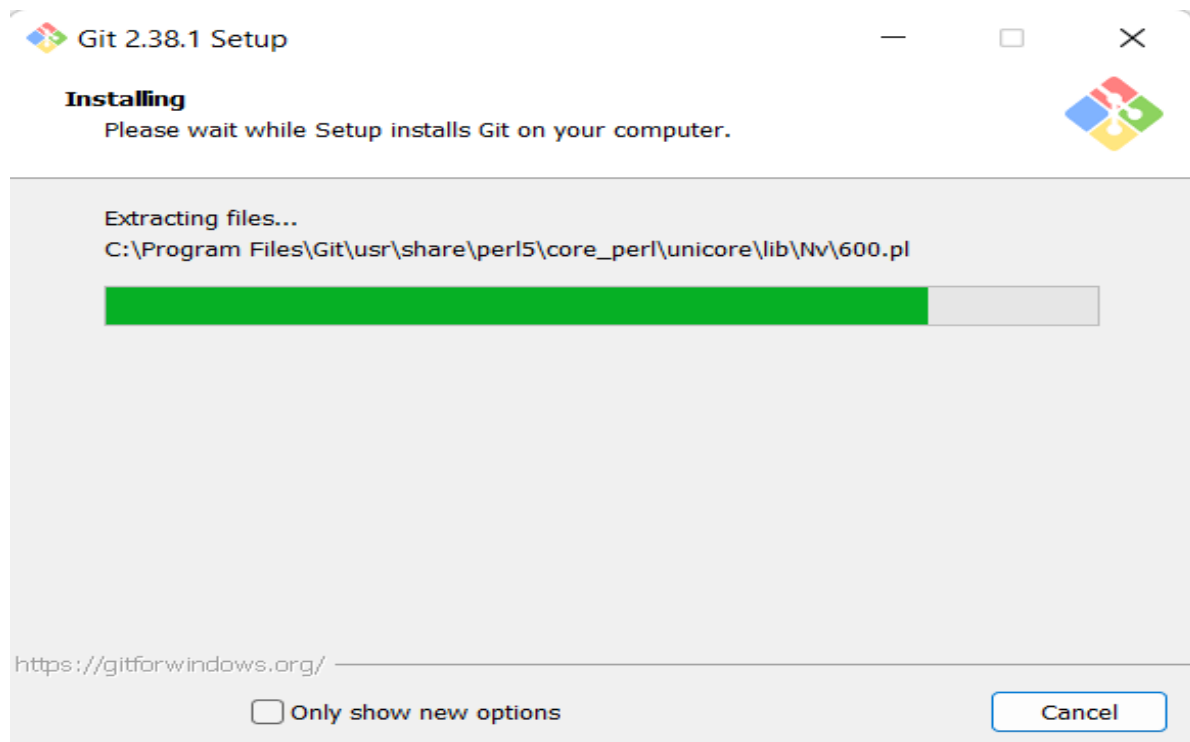
➤ Step-9



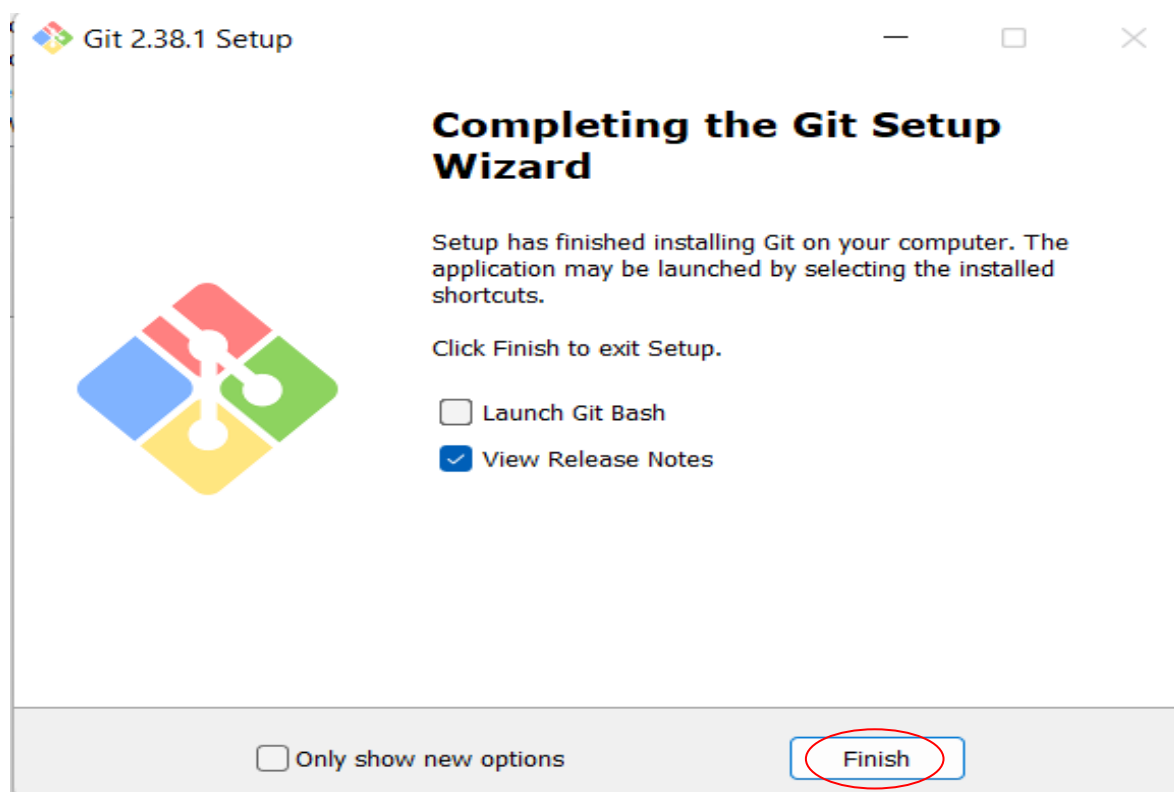
➤ Step-10



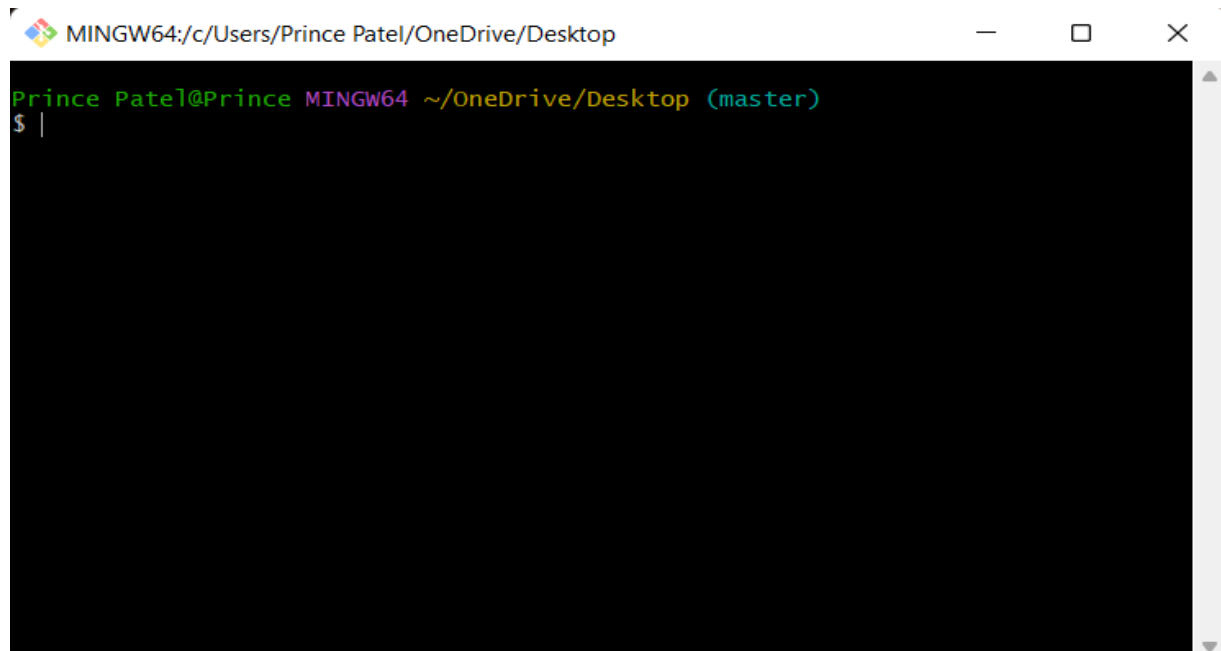
➤ Step-11



➤ Step-12:



➤ Finally, GIT Hash



```
MINGW64:/c:/Users/Prince Patel/OneDrive/Desktop
Prince Patel@Prince MINGW64 ~/OneDrive/Desktop (master)
$ |
```