Steps to setup Git in your PC
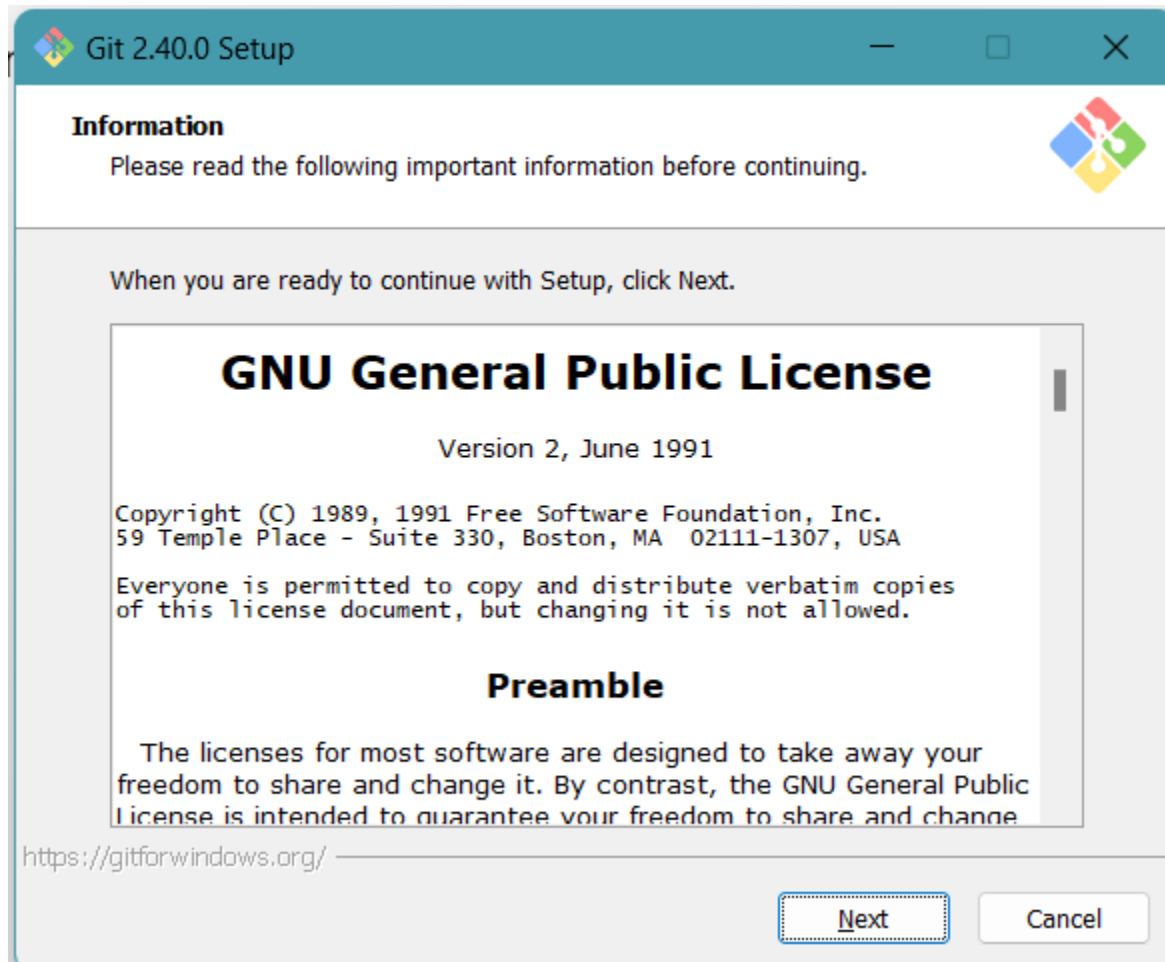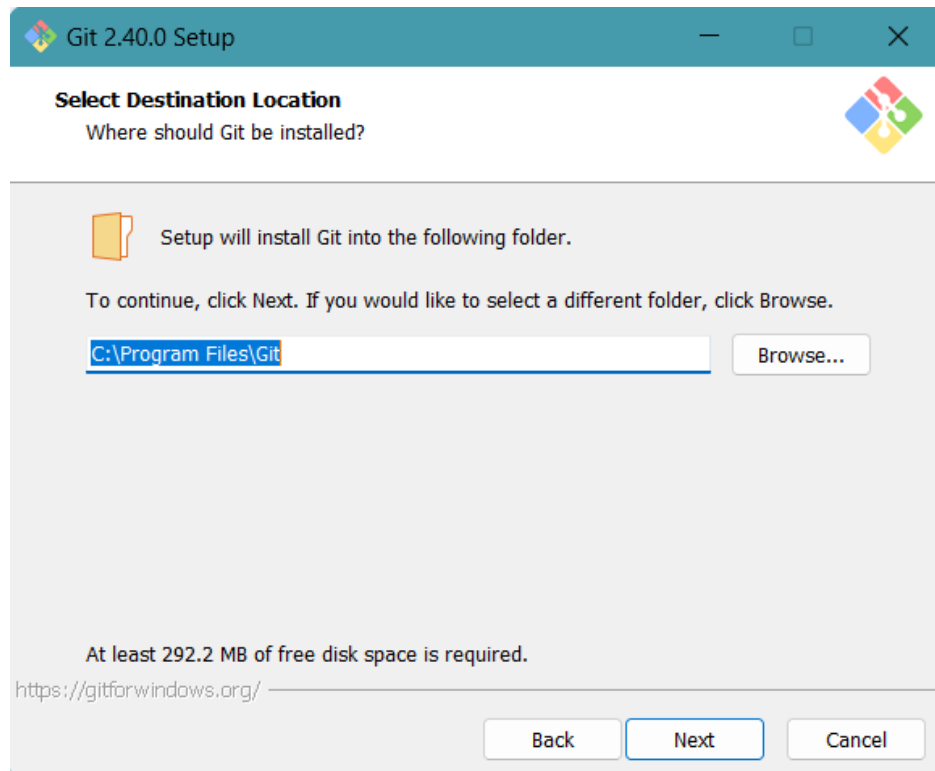
Step 1: Go to the link git-scm and download the latest installer. Once downloaded open the file and make the below configurations.
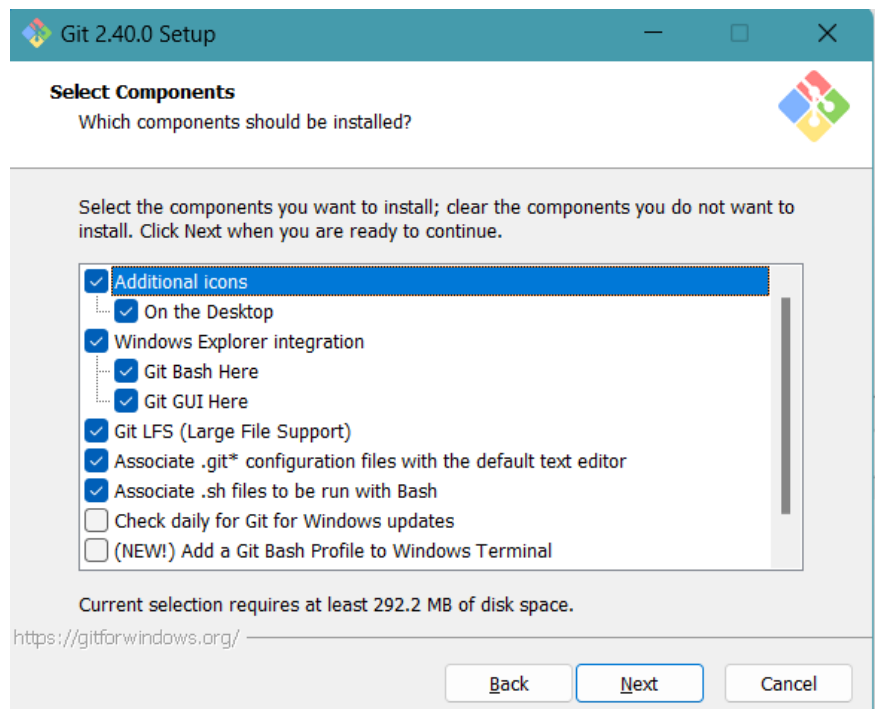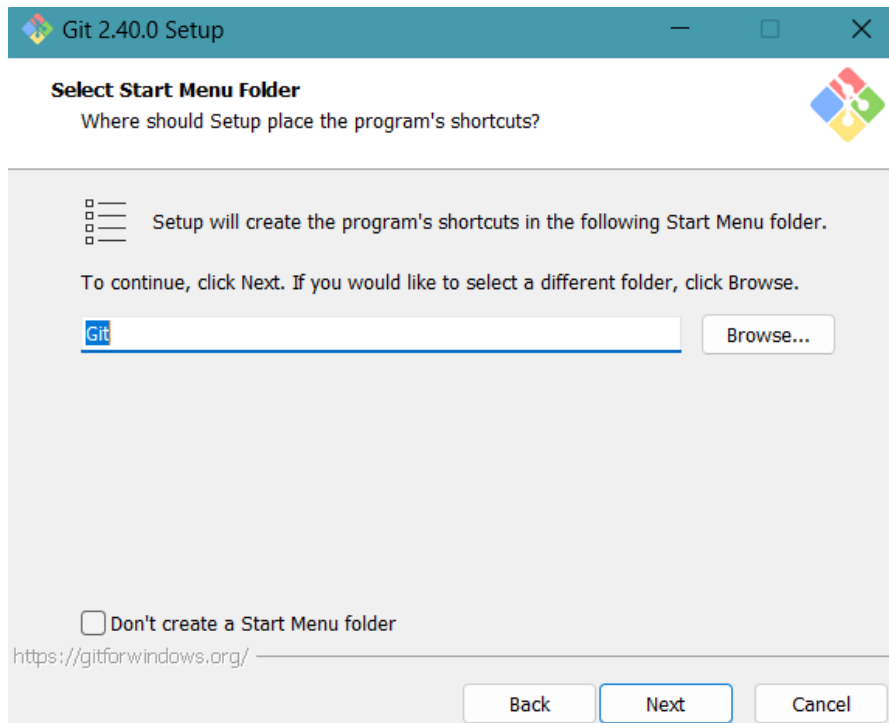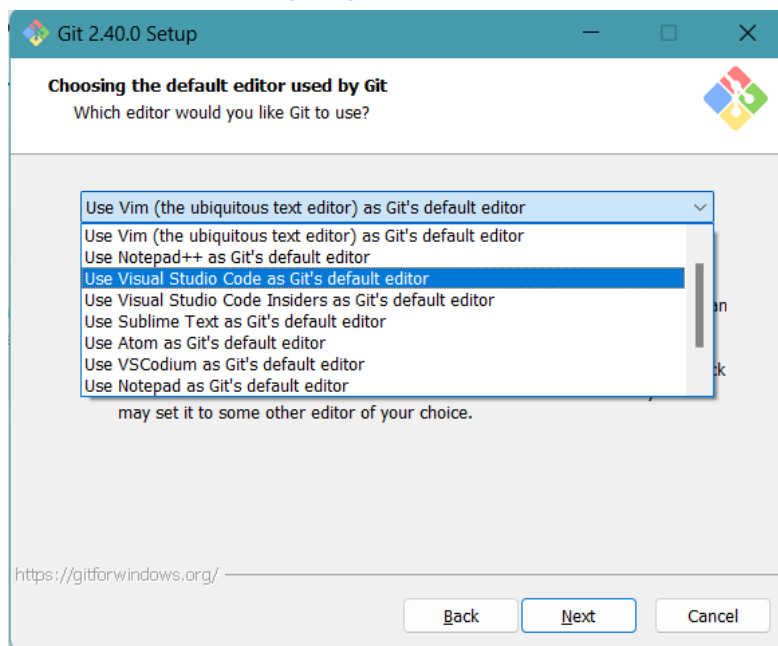
-> Click on next

->Click on Next

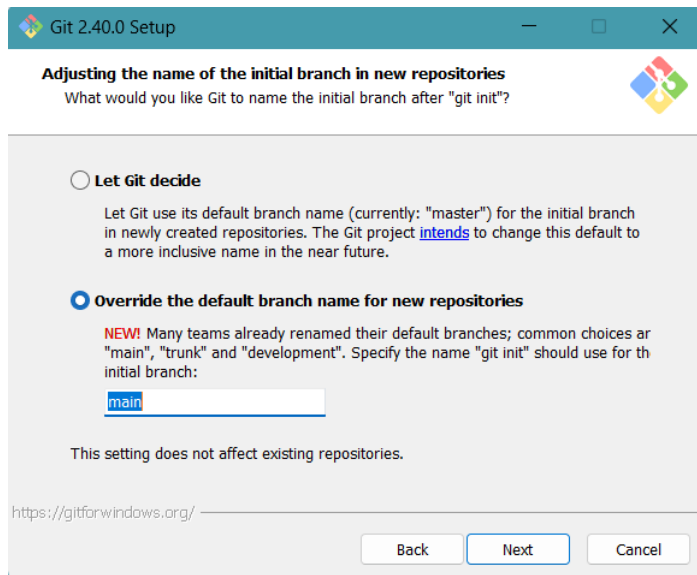
-> Click on Additional icons and then click next:
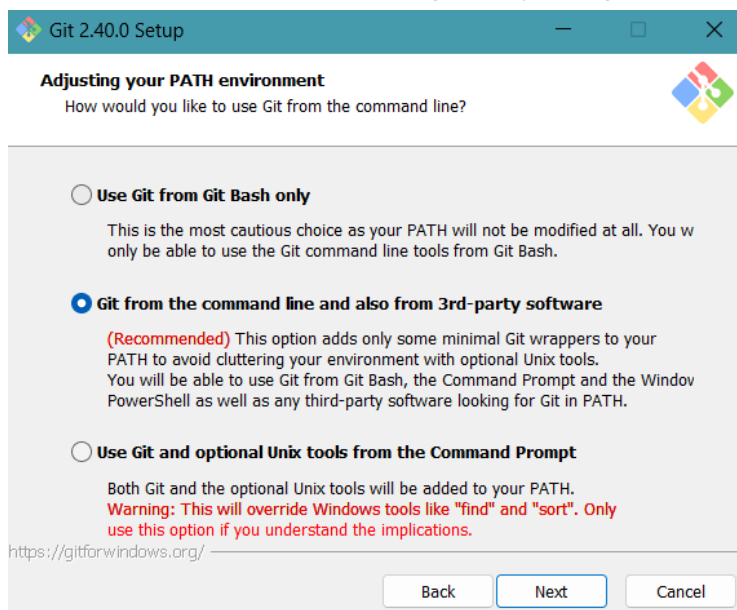
->Don't change anything, click next.

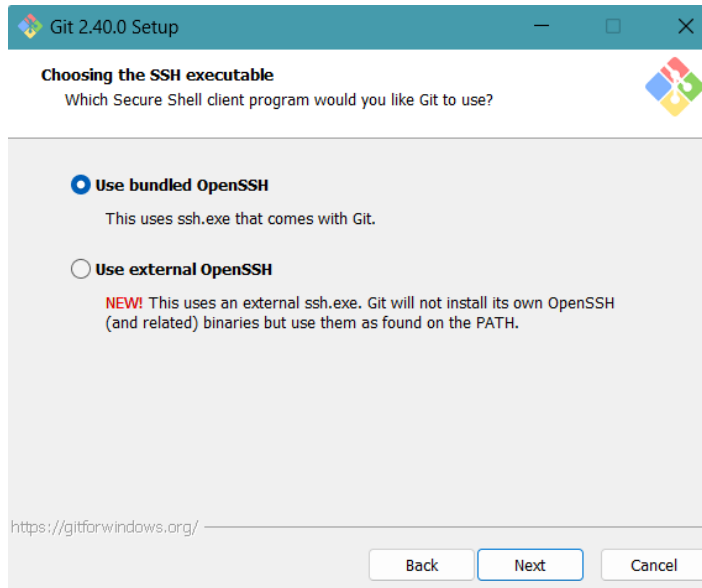
-> Click on the highlighted option and hit next:

-> Select the option **OVERRIDE** and hit next.

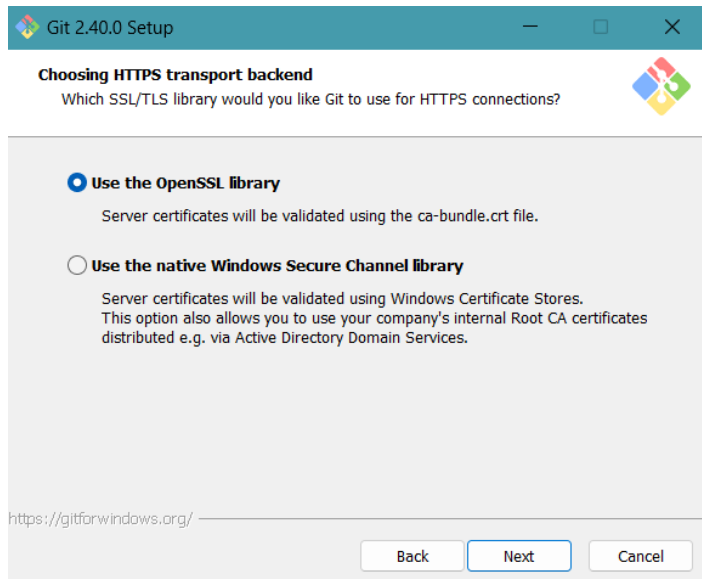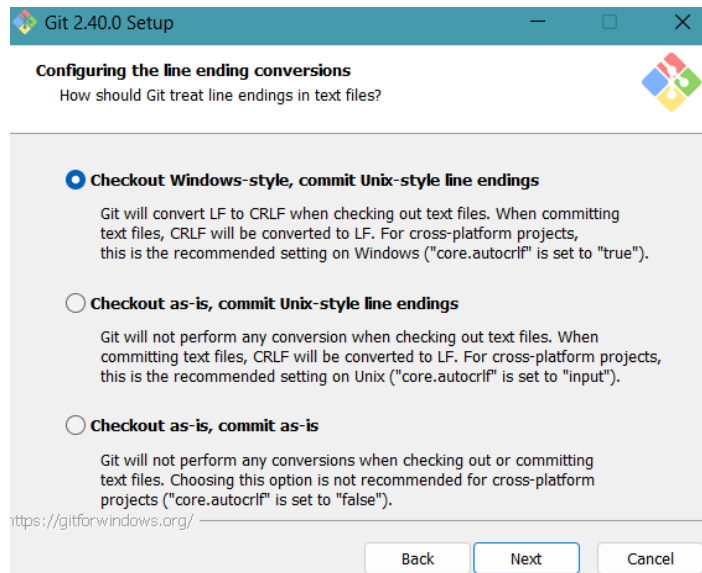-> Select next, don't change anything.
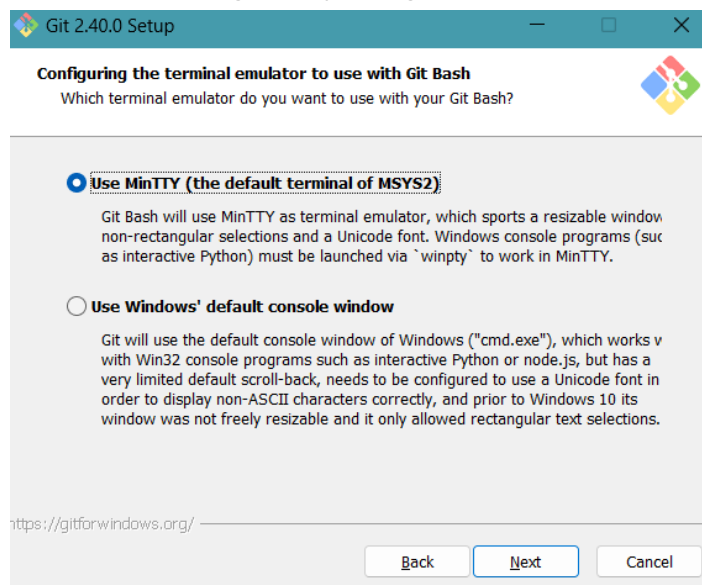
-> Hit next, don't change anything.

-> Hit next, don't change anything.

-> Git next, don't change anything.

-> Don't change anything, hit next.

->Don't change anything, hit next.
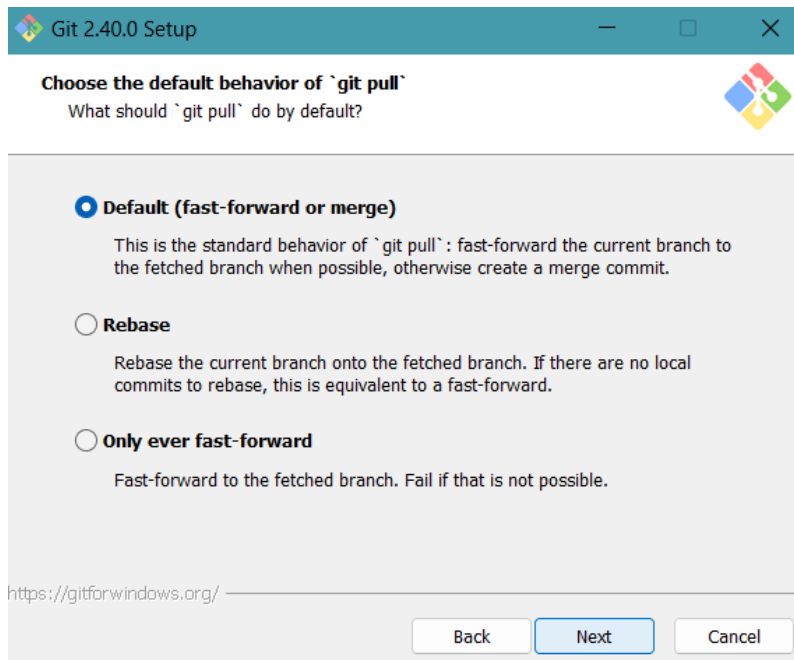
-> Don't change anything, hit next:
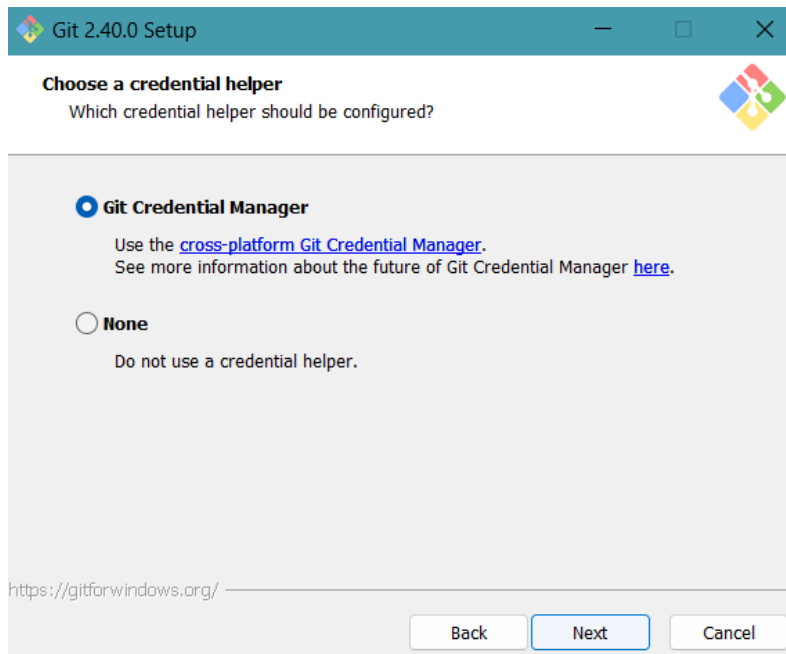
-> Select both options here and hit next:
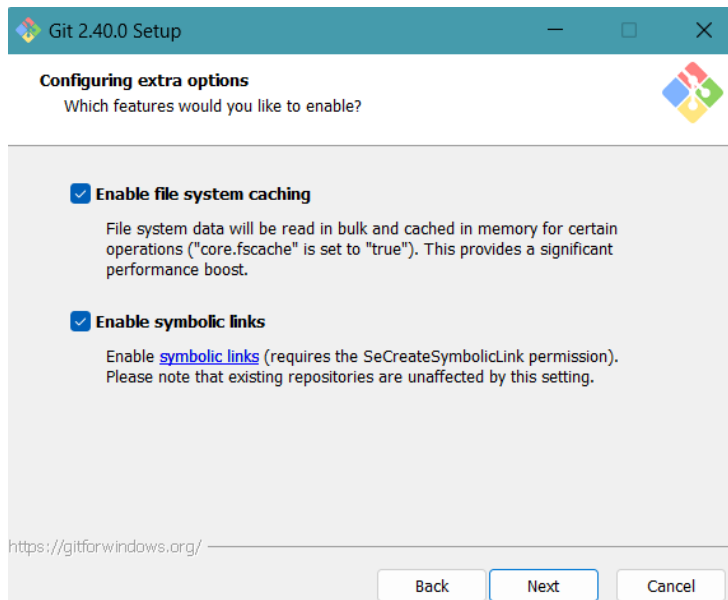
-> Don't change anything, just click install.
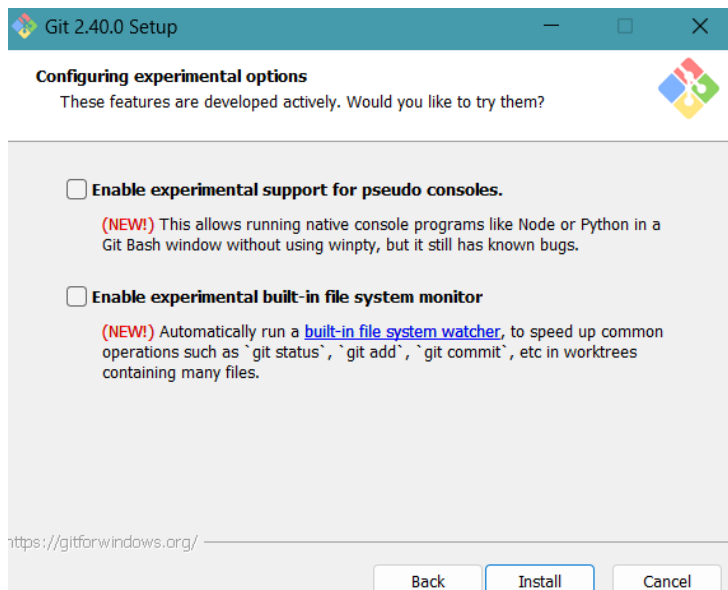
This will set your git-bash on your PC.

Setting of git-bash in VS Code.

Step1 - Go to VS Code and open the terminal by hitting ctrl + ~.
Step 2 - Click here and select set-default profile:
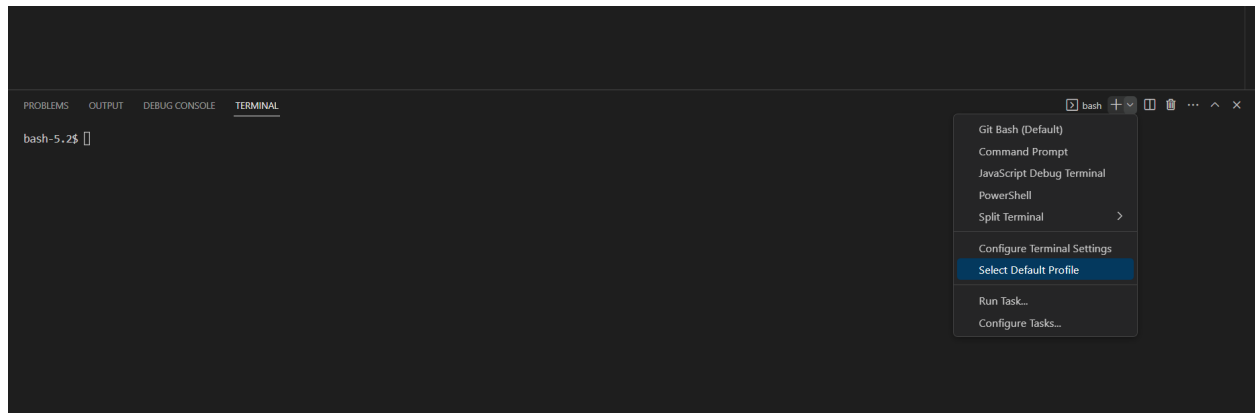
Step 3 - Choose Git-Bash from the listed options:
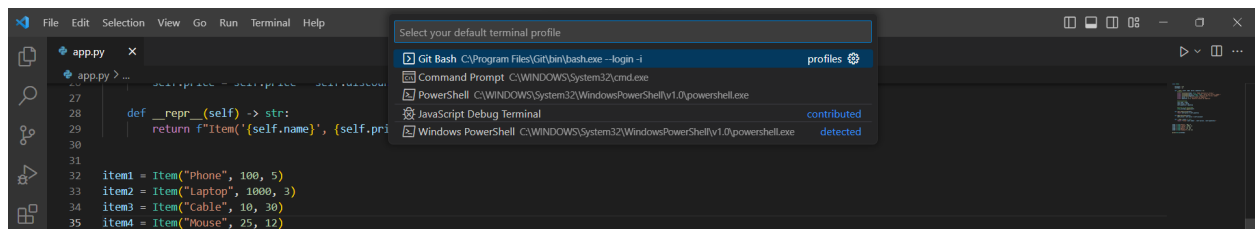
Your terminal should now look something like this:
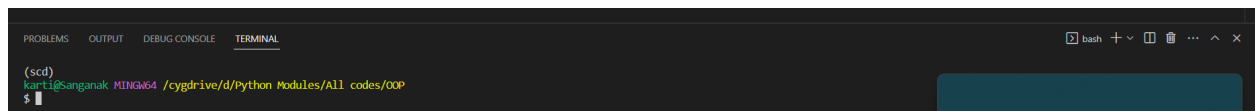
This sets your git-bash terminal in VS code.

Configuring git in your PC:

Step 1 - Go to github (sign-in if required) and view your username if you don't remember. You can find it here next to **Signed in as** :

Step 2 - In terminal of VS code, type these commands and replace appropriate data (username and password) with yours.

Step 3 - Generate SSH keys by executing following commands properly and carefully.

1. `ssh-keygen -t ed25519 -C "your_email@example.com"` **(your github mail-id)**

   You should be able to see something like this.

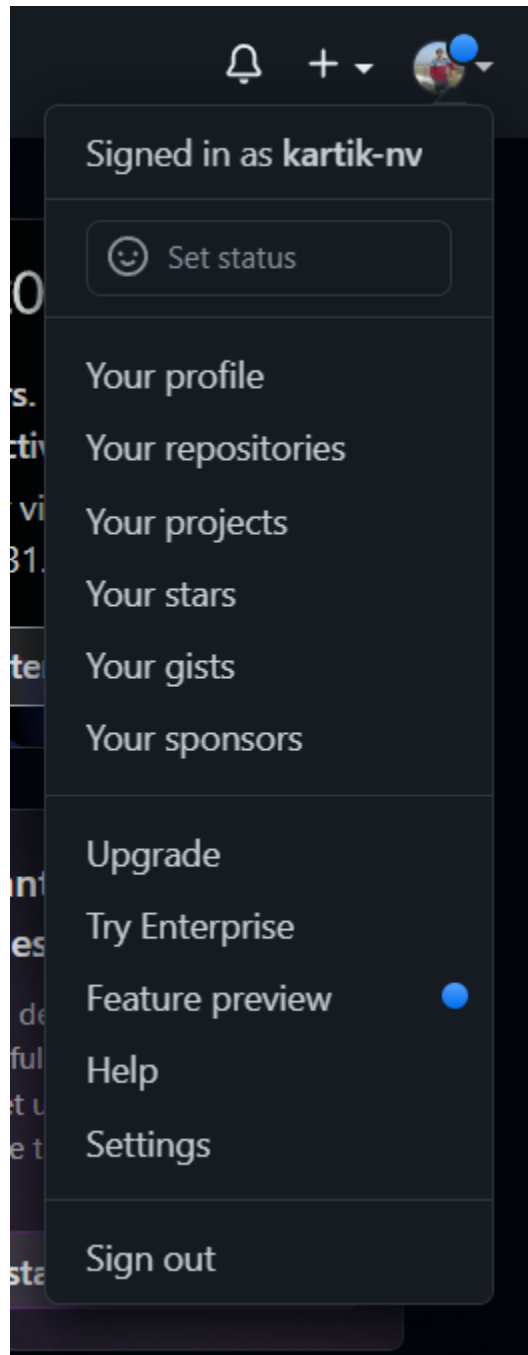Press enter. It will then ask you to enter a passphrase. You will have to basically enter something unique (like your instagram password). Be careful when you are entering. Whatever you type here, you will not be able to see it, but it gets typed there. So be cautious. Also, remember what you have typed in. We will need it later.

2. Once done, enter the following command:

   `eval "$(ssh-agent -s)"`

   You should see something like this:

Once done, immediately paste the following command:

```
ssh-add ~/.ssh/id_ed25519
```

And then execute:

```
clip < ~/.ssh/id_ed25519.pub
```

Now, you have successfully created the ssh-key.

Now go to [github](#) and go to click on your account, there click settings.
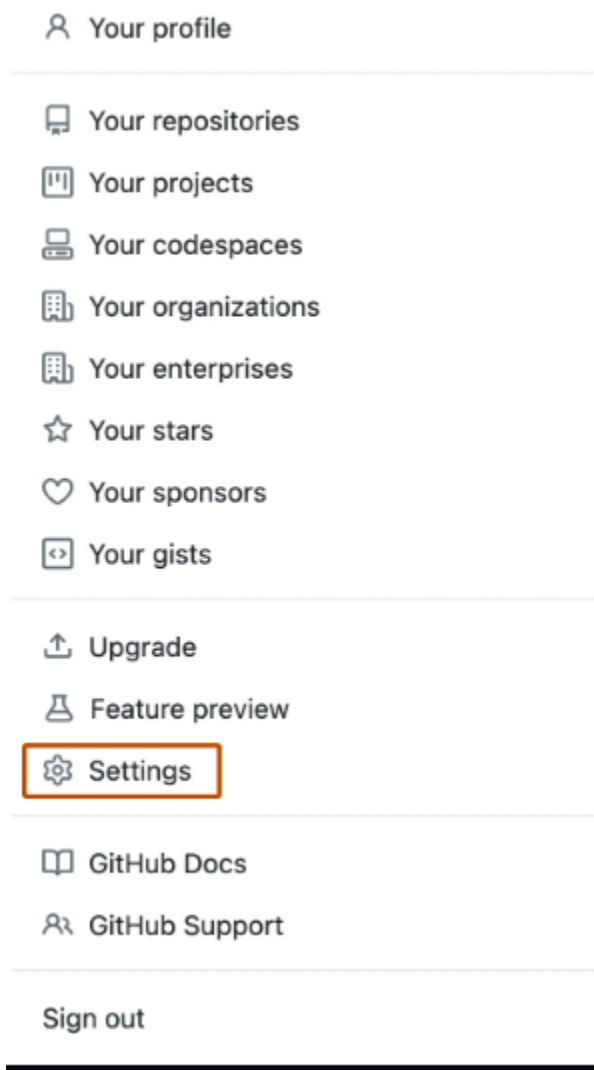
Then go to SSH and GPG keys:
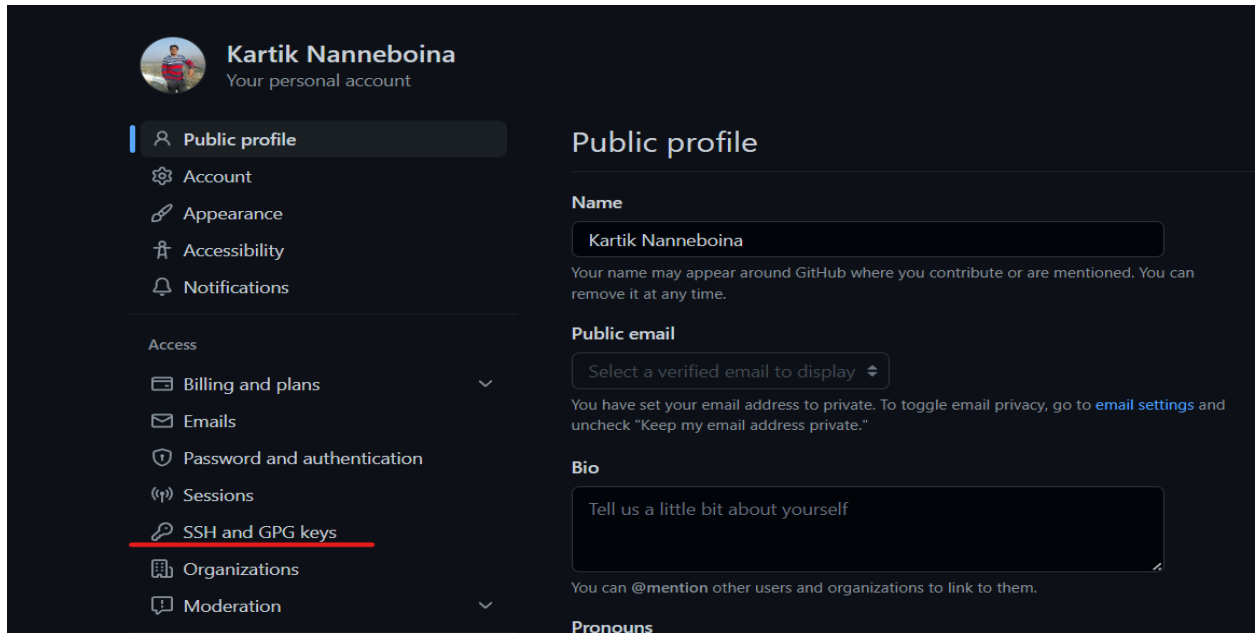
Then click on create or New SSH keys:
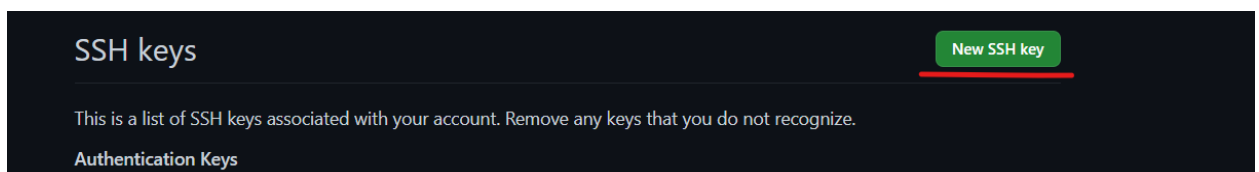
And give a title of your choice (Laptop name) and then in keys section, just press ctrl + v. The key must now get pasted. If not then re-execute the last command i.e

```
clip < ~/.ssh/id_ed25519.pub
```

and come back and just try pasting it again. Finally hit the add key button.

Your Laptop is now linked with you Github acc.

Setting Github

Step 1 : Head back to github and go to home. There on the left you get an option to create a repository. Click on create new repository. Once you click you should find something like this:

Enter the name of the repository as : Python Internship, and then select the private option below. Scroll down and just hit the create repository button. You will now get an instructions page.

Now in your Local Disk (anyone) create a new folder and name it as:

<center><Your Name_PIA_BEC></center>

and in this folder, create 4 more folders namely:

<center>Week1_Assignment</center>

<center>Week2_Assignment</center>

<center>Week3_Assignment</center>

<center>Week4_Assignment</center>
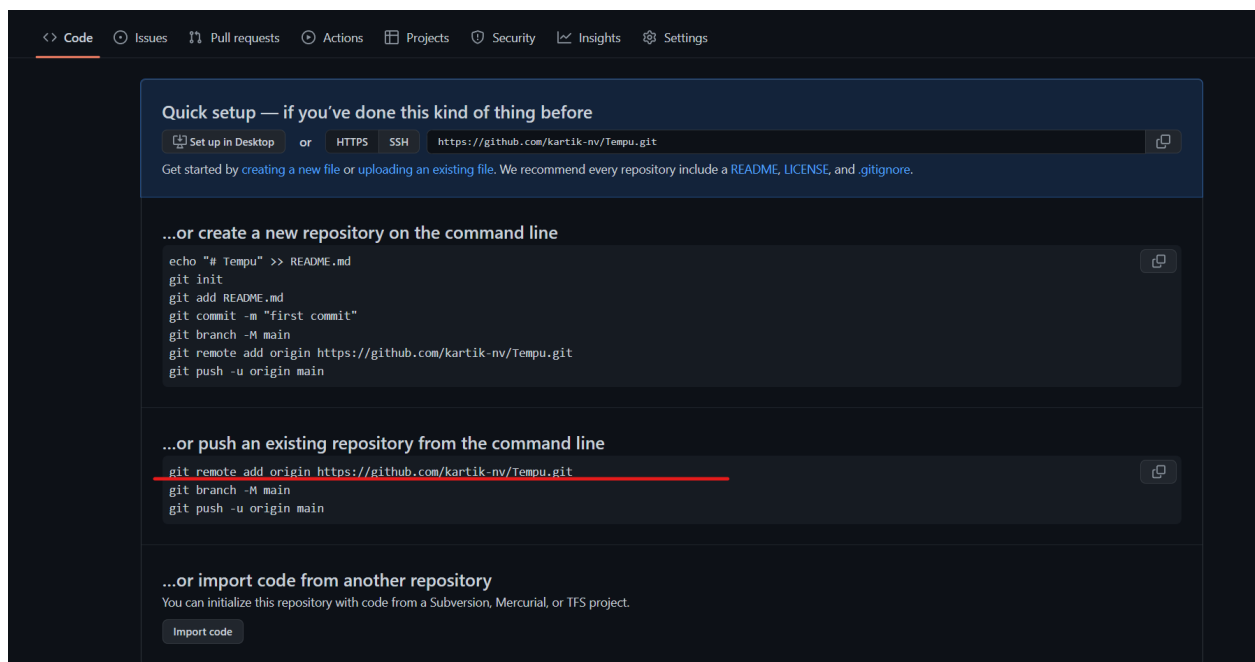
And in each folder, add the respective .py files of assignments.

Now go back to your VS code and open a folder that you created:

<Your name_PIA_BEC>

And now execute these statements:

1. git init
2. git add Week1_Assignment
3. git commit -m "Week 1 Assignments"

After this, go back to your github page, where you had created the repository and execute the highlighted command in terminal:

Then copy the next command of github below the previous highlighted command i.e:

git branch -M main

Then finally execute the command:

Git push -u origin main

(You may have to authenticate, so hit all green buttons as and when you see them.)

Go to your browser where you created your repo, and refresh the page, you will now see your code uploaded.

That's all.