

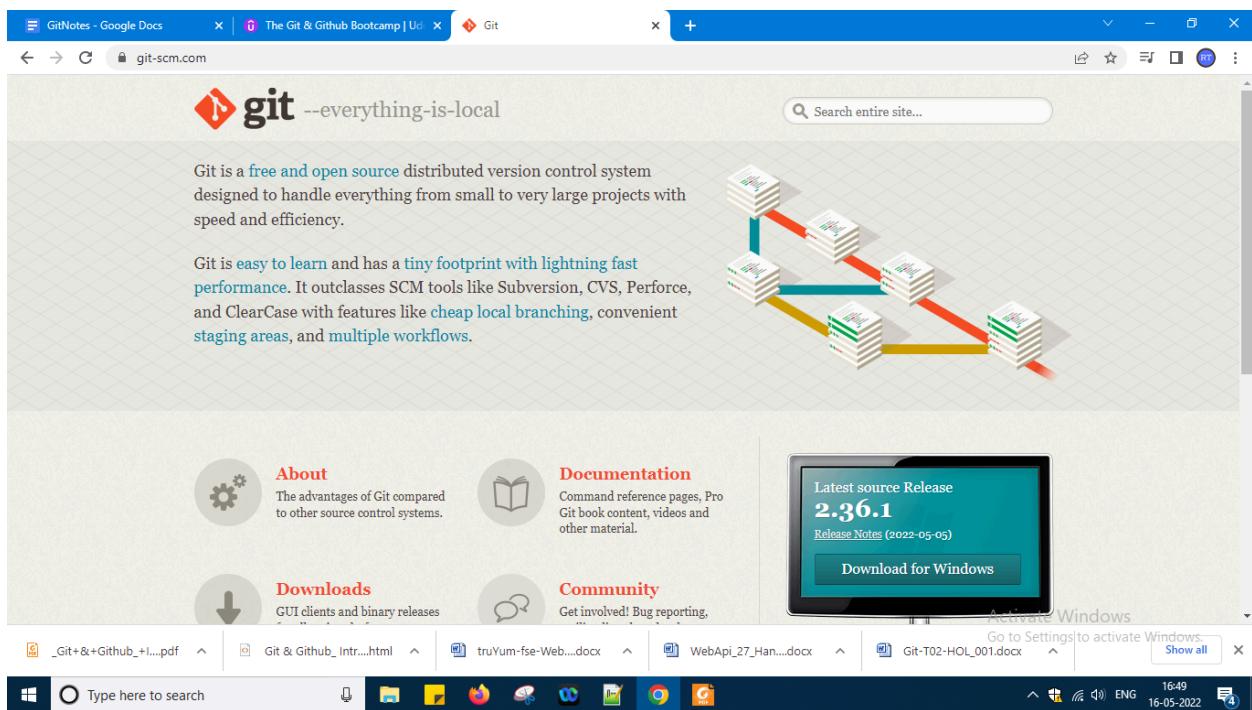
Section2

So what is GIT u can check it from slides it is clearly given

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

Above is the official website of git okay .So we can find documentation ,downloads And community support for the git website okay .

With the slide we can understand Clearly the explanation of it



It looks like this above

So this ends section2 as section 1 is still introduction so this is end of section 2 which is again introduction only refer slide in section 2 that will be enough

Now moving to **section 3**

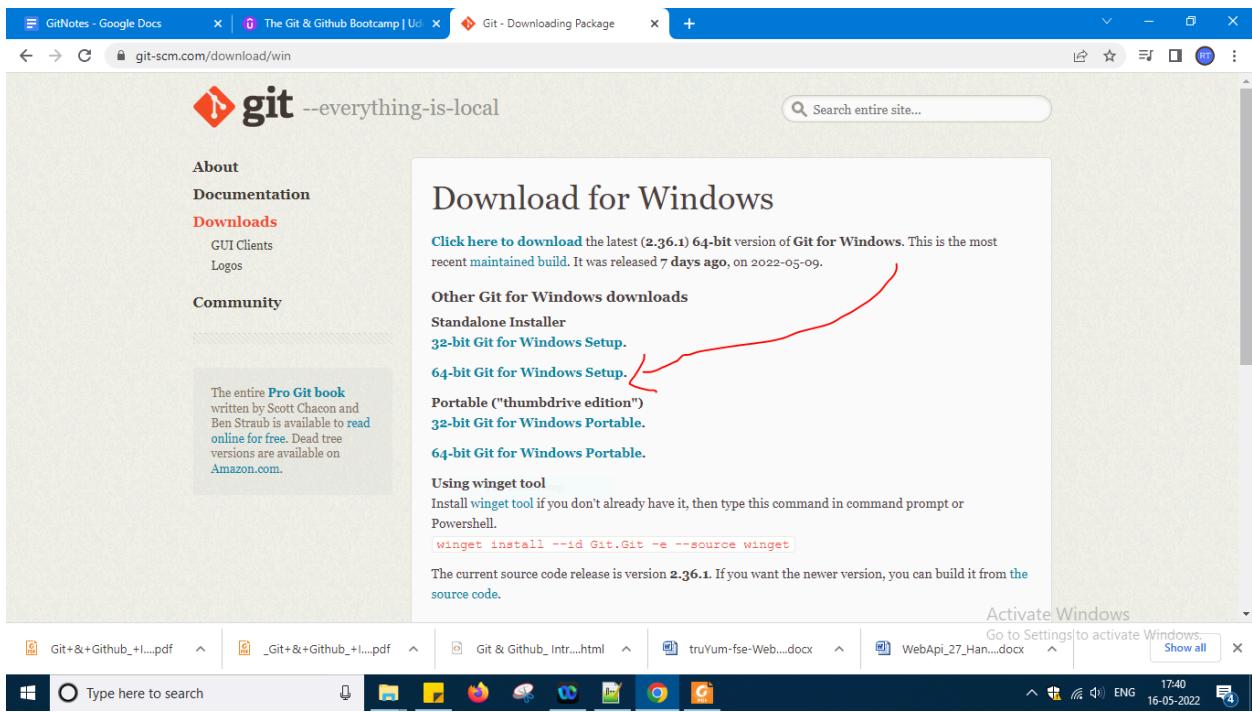
Check slides in section3

Now I want to install git how i have to use by terminal or using GUI both u can use it as git become popular many guis version came into market which u can check it here if u use gui u can use mouse and button to interact in terminal only commands u need to fire okay

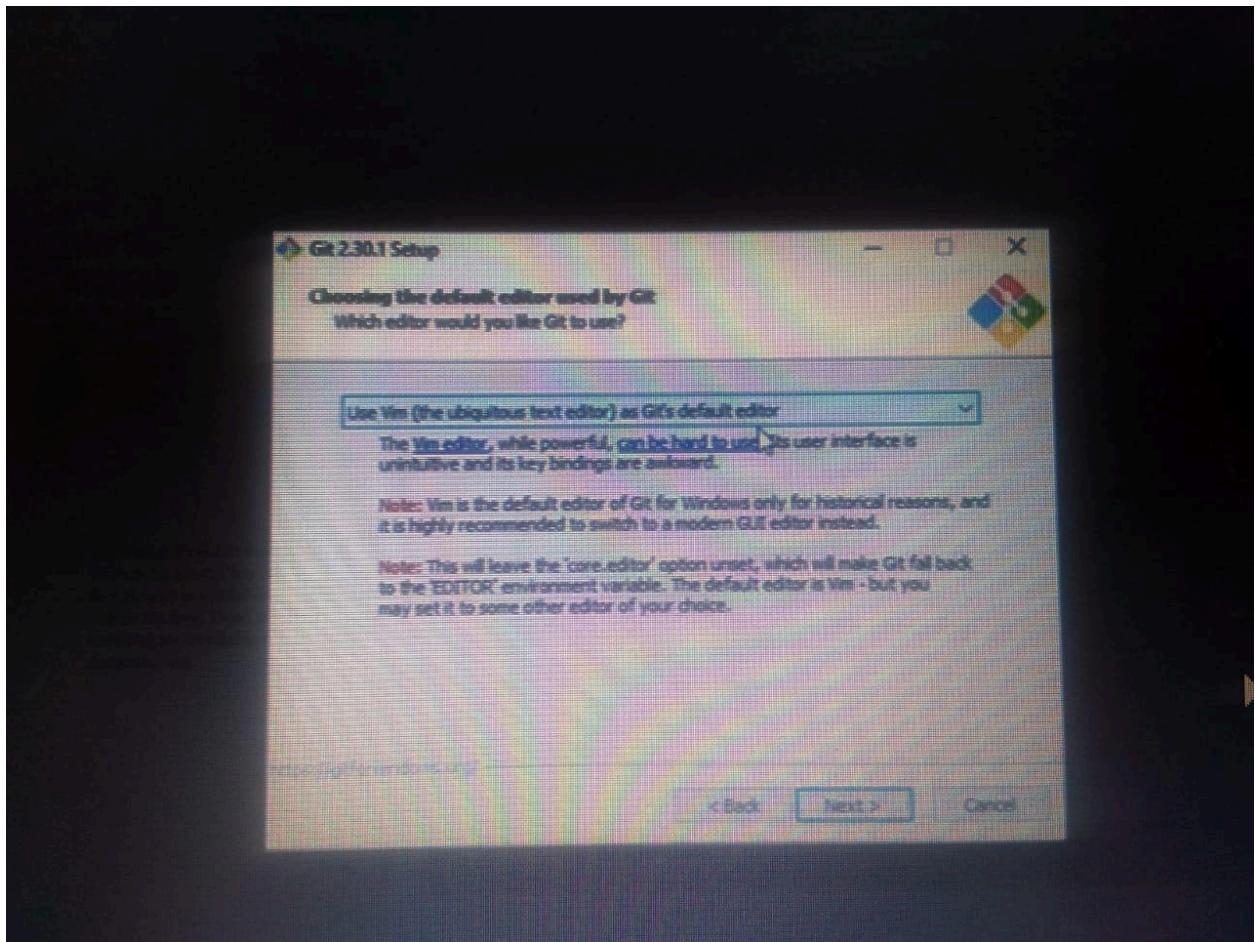
<https://git-scm.com/downloads/guis>

Go to this url generally in windows we want to run git means git bash we have to install because git needs linux os so we don't have it okay so after installing bash in windows we can work with the terminal so below link open

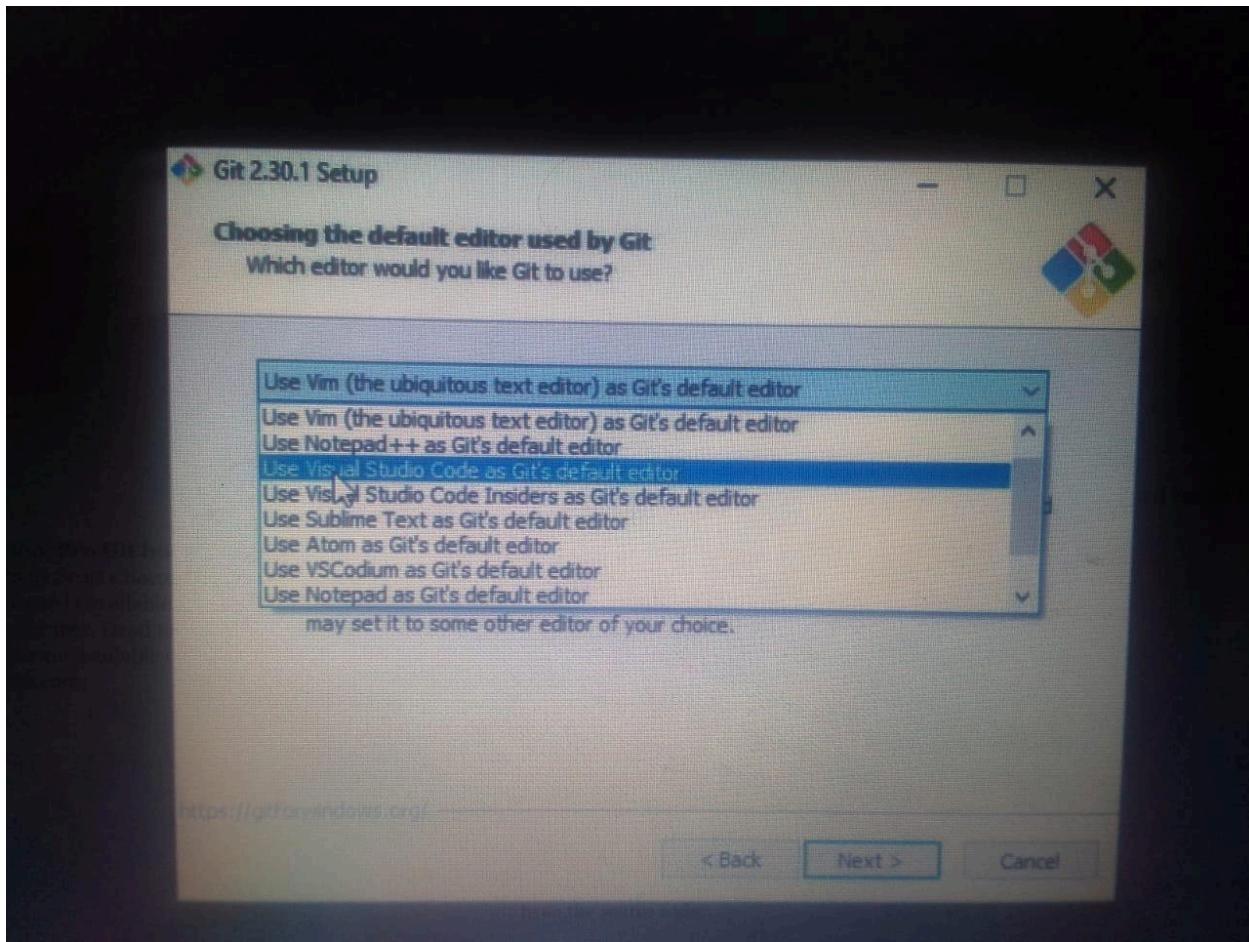
<https://git-scm.com/download/win>



Every thing say default only in this while installing but



While using editor choose vs code editor okay

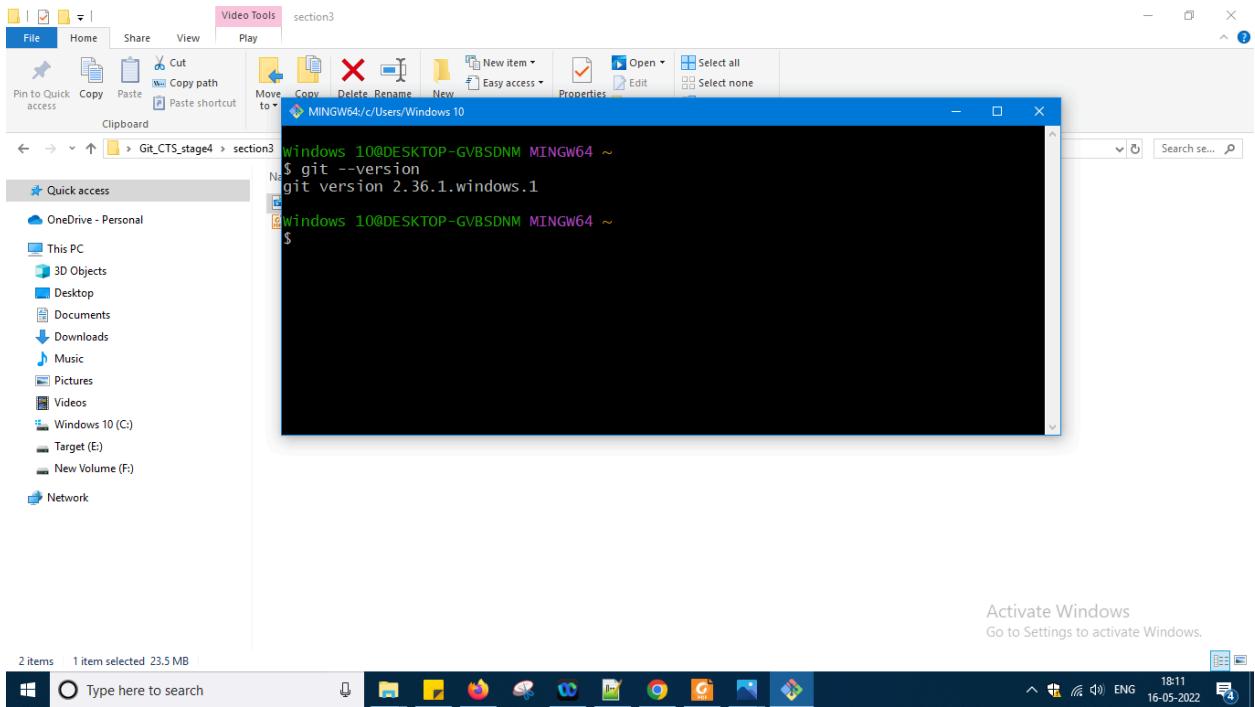


If vscode is there in your laptop it will select and move forward okay
And remaining all things keep it default what was present and install it finally okay and i am going to record this

After installed u have to say finish before clicking finish select check box option launch git bash

To know git installed or not type

```
$ git --version
```



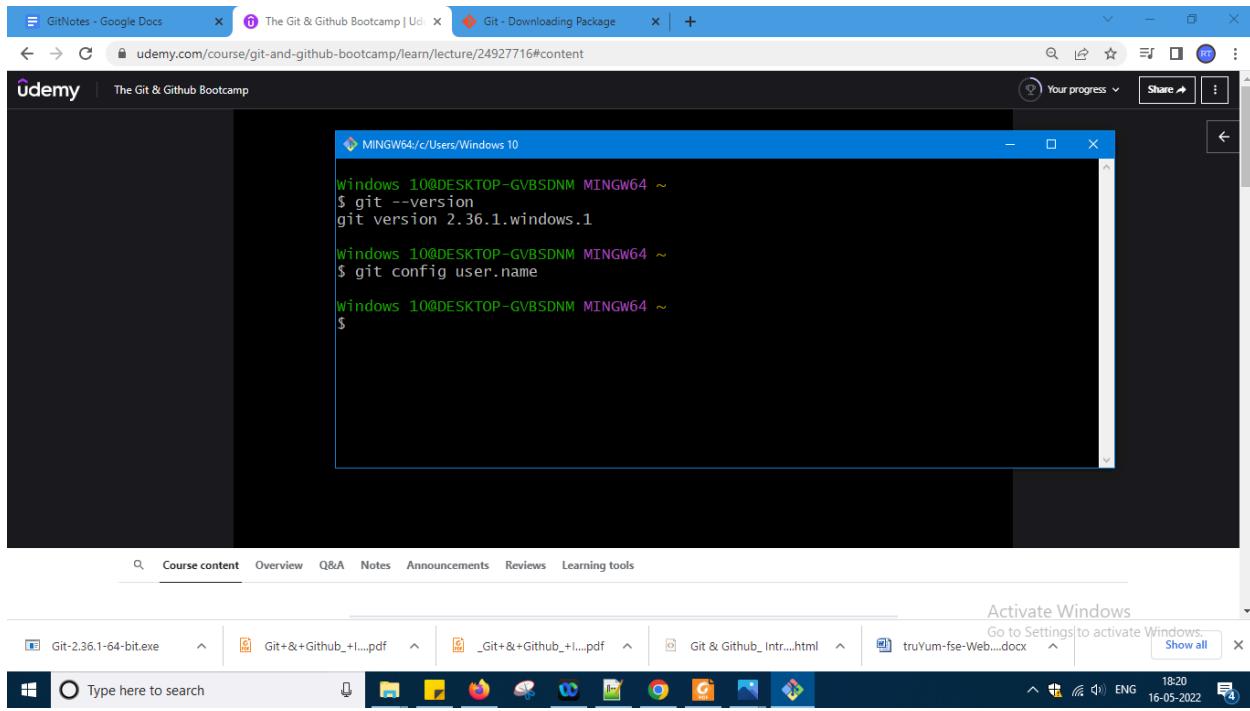
If u have closed the window type git bash in run search u will get it okay

U can check in section 3 folder installation which i have done i had kept there his version is 2.30.1 and mine version is 2.36.1 it okay fine

So git set up also i am keeping it in section 3

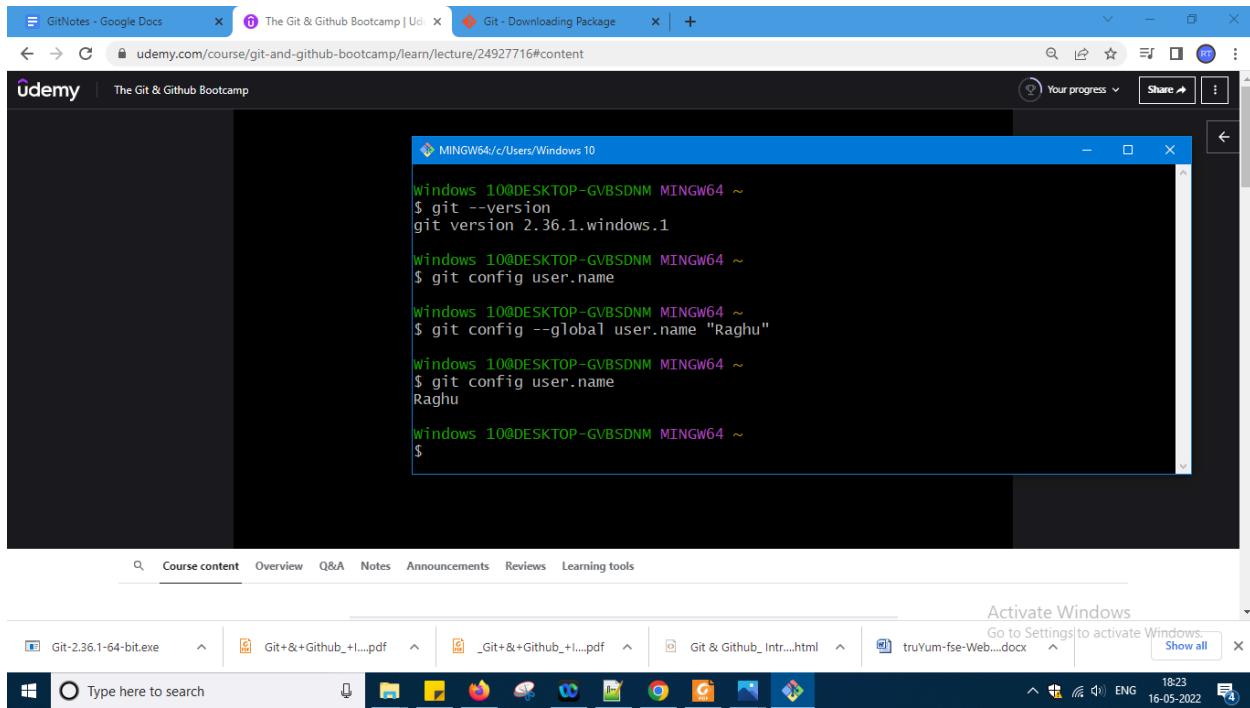
So now i had installed git now i need to configure my name and email okay

You have to tell git who you are so your name is needed to know that u have done the changes and email u should use that one only which u are using it for github account okay .



Using this command i am asking whether we have configured username or not

It is not telling anything to me so i had not configured okay



So i had configured as Raghu and it is not telling me anything but i am going and checking again do i configured name or not now it gives me the name Raghu okay

In the same manner i am creating for email also and email I am using it valid gmail id and for that id there is a link in github also

The screenshot shows a Notepad+ window with three tabs: 'finaltarget.txt.txt', 'MySQL.txt', and 'theonymes.txt'. The 'finaltarget.txt.txt' tab contains a large block of text with line numbers from 972 to 1001. The text includes various configurations and user details. A terminal window is overlaid on the Notepad+ window, showing a command-line interface with several 'git config' commands being run. The commands set the user.name and user.email to 'Raghu' and 'raghu070882@gmail.com' respectively. The terminal window has a dark background with light-colored text. The system tray at the bottom of the screen shows standard icons like battery, signal, and volume.

```
972 thenewboston
973
974 code project :
975 -----
976
977 raghu070882@gmail.com
978 Bhoomika#123
979
980 Csharpcorner website :
981 -----
982
983 raghu070882@gmail.com
984 Bhoomika#123 (put capslock and type the
985
986 Github :
987 -----
988 raghu070882@gmail.com
989 Bhoomika#123
990
991 StackOverFlow :
992 -----
993 here i am logging in using gmail account
994
995
996
997
998 Udemy password and username :
999 -----
1000 raghav_070882@hotmail.com
```

```
MINGW64/c/Users/Windows 10
Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git --version
git version 2.36.1.windows.1

Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git config user.name

Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git config --global user.name "Raghu"

Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git config user.name
Raghu

Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git config user.email

Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git config --global user.email raghu070882@gmail.com

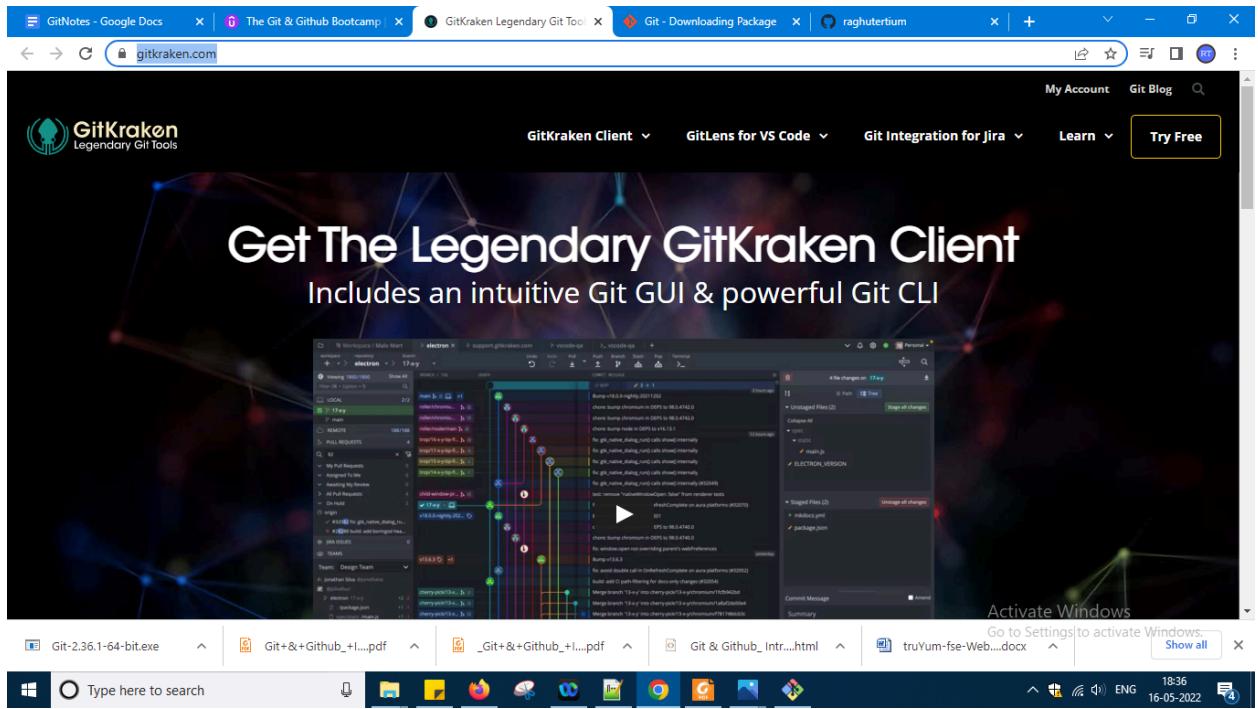
Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git config user.email
raghu070882@gmail.com

Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$
```

Okay Now i want to install gitkraken so go to the website link below

<https://www.gitkraken.com/>

And it looks like this



Somehow i installed git crane but I am not sure whether i will use it more or not and it is providing me 7 day of trial version only so maximum i will git terminal okay

Open gitbash and fire some commands now

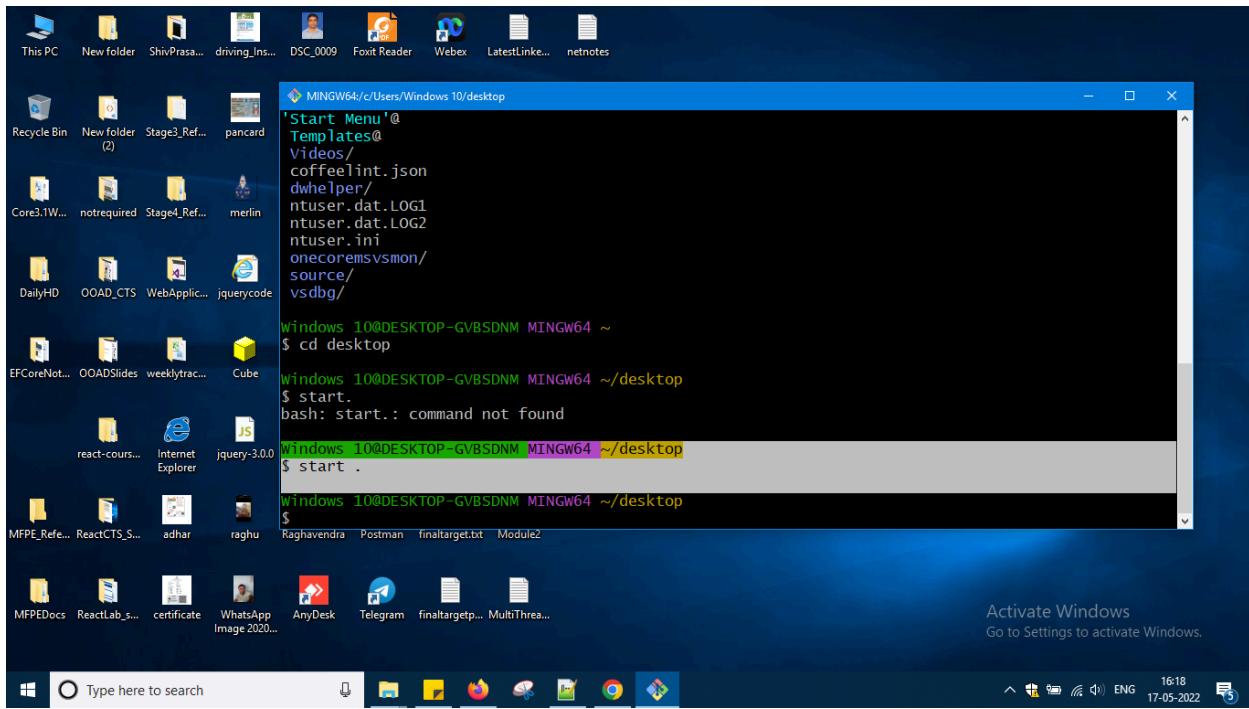
When i types ls

A screenshot of a Windows 10 desktop. At the top, there's a taskbar with icons for File Explorer, Edge, and File Explorer again. The main window is a browser displaying a course page from Udemy titled "The Git & Github Bootcamp". In the center of the browser window is a terminal window titled "MINGW64:/c/Users/Windows 10/Desktop". The terminal shows the command "ls" being run, listing various system folders and files like "3D Objects", "AppData", "Application Data", "AzureStorageEmulatorDb57.mdf", "ConsoleApp37.Program+PlutoContext.mdf", etc. Below the terminal window, the browser navigation bar includes "Course content", "Overview", "Q&A", "Notes", "Announcements", "Reviews", and "Learning tools". To the right of the browser, there's an "Activate Windows" message with a link to "Go to Settings to activate Windows".

Lot of files it is showing i am moving to desktop now

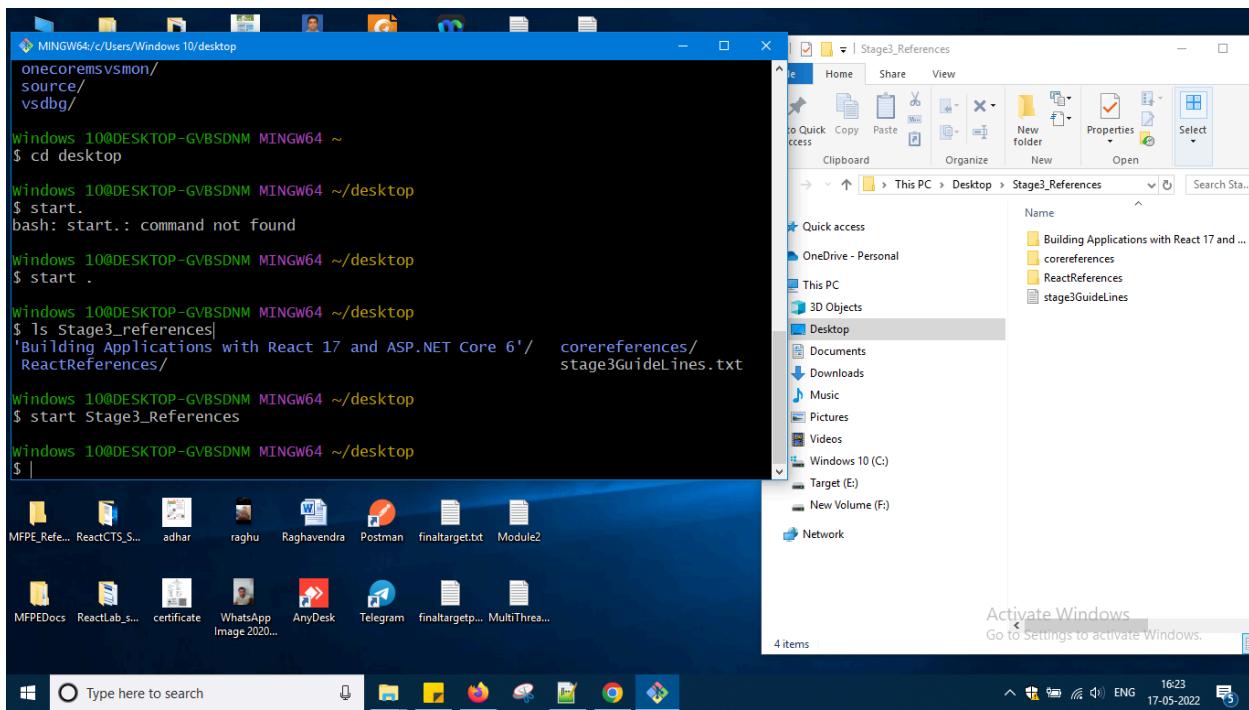
A screenshot of a Windows 10 desktop. The taskbar at the bottom has icons for File Explorer, Edge, and File Explorer again. The main window is a Google Docs document titled "GitNotes - Google Docs". Inside the document, there's a terminal window titled "MINGW64:/c/Users/Windows 10/Desktop". The terminal shows the command "ls" being run, listing system files and folders like "Pictures", "Postman", "PrintHood", "Recent", "Saved Games", "Searches", "SendTo", "Start Menu", "Templates", "Videos", "coffeeLint.json", "dwHelper", "ntuser.dat.LOG1", "ntuser.dat.LOG2", "ntuser.ini", "onecoremsvsmon", "source", and "vsdbg". Below the terminal window, the Google Docs interface shows a list of sections and a note: "Lot of files it is showing i am moving to desktop now". To the right of the document, there's an "Activate Windows" message with a link to "Go to Settings to activate Windows".

So this is home directory so showing lot of files so i moved to desktop now



When I press start . all the folders from the directory will be shown to me

Now in desktop one folder is there stage3 references in that what is there i want to know and i want to open explorer over there again same commands with folder name like this



To clear the screen

A screenshot of a Windows desktop environment. On the left, a terminal window titled 'MINGW64:/c/Users/Windows 10/Desktop' shows a command-line session. The user runs 'cd desktop', then 'start.', which fails with 'bash: start.: command not found'. They then run 'start .' again, followed by 'ls Stage3_references'. The output shows a directory named 'coreferences/' containing a file 'stage3GuideLines.txt'. Finally, they run '\$ clear' to clear the screen. On the right, a browser window is open, showing a course page with tabs for 'Course content', 'Overview', 'Q&A', 'Notes', 'Announcements', 'Reviews', and 'Learning tools'. Below the browser is the Windows taskbar with various pinned icons.

```
MINGW64:/c/Users/Windows 10/Desktop
$ onecoremsvsmon/
$ source/
$ vsdbg/
$ cd desktop
$ start.
$ bash: start.: command not found
$ start .
$ ls Stage3_references
$ Building Applications with React 17 and ASP.NET Core 6'/ coreferences/
$ ReactReferences/
$ start Stage3_References
$ ls
$ clear
```

So ls on the whole will list the contents now in desktop ls applied

A screenshot of a Windows desktop environment. On the left, a terminal window titled 'MINGW64:/c/Users/Windows 10/Desktop' shows the result of the command '\$ ls'. It lists numerous files and folders, including 'Core3.1WebAPI_CTS_Stage4/', 'Cube.ico', 'DSC_0009.JPG', 'DailyHD/', 'EFCoreNotes_Stage3/', 'Git_CTS_stage4/', 'LINQPad 5.Tnk*', 'Latestlinklistcode.txt', 'Linqextra.txt', 'Linqnotes.txt', 'Linqtotal.txt', 'MFPEDocs/', 'MFPE_References/', 'Microsoft Teams.Tnk*', 'Module2.txt', 'MultiThreading_notes.txt', 'New folder/', 'New folder (2)', 'OADSslides/', 'OAD_CTS/', and 'Postman.Tnk*'. On the right, a browser window is open, showing a course page with tabs for 'Course content', 'Overview', 'Q&A', 'Notes', 'Announcements', 'Reviews', and 'Learning tools'. Below the browser is the Windows taskbar with various pinned icons.

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls
Core3.1WebAPI_CTS_Stage4/    WebApplication44/
Cube.ico                      webex.Tnk*
DSC_0009.JPG                  'WhatsApp Image 2020-10-31 at 9.27.39 PM.jpeg'
DailyHD/                        WhatsApp.Tnk*
EFCoreNotes_Stage3/            'WinX HD Video Converter Deluxe.Tnk'*
Git_CTS_stage4/               adhar.pdf
LINQPad 5.Tnk*                 asp.net_notes.txt
Latestlinklistcode.txt         bath20details.xlsx
Linqextra.txt                  certificate.pdf
Linqnotes.txt                  dbnotes.txt
Linqtotal.txt                  desktop.ini
MFPEDocs/                      download.log
MFPE_References/              driving_Insurance.pdf
Microsoft Teams.Tnk*           finaltarget.txt.txt
Module2.txt                     finaltargetprevious.txt.txt
MultiThreading_notes.txt       jquery-3.0.0.js
New folder/                   jquerycode.html
New folder (2)                 linq.txt
OADSslides/                   mailtillnow.txt
OAD_CTS/                       merlin.gif
Postman.Tnk*                  netnotes.txt
```

A screenshot of a Windows desktop environment. At the top, there are three browser tabs: 'GitNotes - Google Docs', 'The Git & Github Bootcamp | Udemy', and 'GitHub'. Below the tabs is a terminal window titled 'MINGW64:/c/Users/Windows 10/Desktop' with the following command history:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls Stage3_References
'Building Applications with React 17 and ASP.NET Core 6'/
'ReactReferences/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls corereferences
ls: cannot access 'coreferences': No such file or directory
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls Stage3_references/coreferences
'ASP.NET Core MVC - Up and Running Part 1 (.NET 5)'/
'ASP.NET Core MVC - Up and Running Part 2 (.NET 5)'/
'Asp.netCoreFundamentals/
'Building Your First ASP.NET Core Web Application'
'Corevideos/
'GetFreeCourses.Co-Udemy-Complete guide to ASP.NET Core MVC (.NET 6)'/
'webGentle_Core/
'intro.netcore3.0_webgentle/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ |
```

The desktop taskbar at the bottom shows icons for File Explorer, Task View, Start, Taskbar settings, and several pinned applications. A search bar is also present on the taskbar.

If u see above slide in stage3 references another folder content i want to see directly i cannot see the path of core references i have to provide path okay first time didn't showed cannot access second time it is giving as core references is in stage3 references okay like that it works

To know exact location where u are type pwd command

A screenshot of a Windows desktop environment. On the left, a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop' shows a command-line session. The user runs 'ls coreferences' which fails with 'ls: cannot access 'coreferences': No such file or directory'. Then they run 'ls Stage3_references/coreferences' which lists several files including 'ASP.NET Core MVC - Up and Running Part 1 (.NET 5)', 'ASP.NET Core MVC - Up and Running Part 2 (.NET 5)', 'Asp.netCoreFundamentals', 'Building Your First ASP.NET Core Web Application', 'Corevideos', 'GetFreeCourses.Co-Udemy-Complete guide to ASP.NET Core MVC (.NET 6)', 'webGentle_Core', and 'intro.netcore3.0_webgentle/'. The user then runs 'pwd' to show the current directory is '/c/Users/Windows 10/Desktop'. Finally, they run 'access second time it is giving as coreferences is in stages references okay like that it works'.

To know exact location where u are type pwd command

Activate Windows
Go to Settings to activate Windows.

Type here to search

1635 17-05-2022

Just check last command which i had typed okay

Now to jump to one directory cd and from there u can type pwd to know where u are okay

A screenshot of a Windows desktop environment. On the left, a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/OOAD_CTS' shows a command-line session. The user lists the contents of the current directory, which include 'LatestLinkedlistcode.txt', 'bath20details.xlsx', 'certificate.pdf', 'dbnotes.txt', 'desktop.ini', 'download.log', 'driving_Insurance.pdf', 'finaltarget.txt.txt', 'finaltargetprevious.txt.txt', 'jquery-3.0.0.js', 'jquerycode.html', 'ling.txt', 'mailtillnow.txt', 'merlin.gif', 'netnotes.txt', 'notrequired/', 'pancard.pdf', 'raghu.jpeg', 'react-course-projects/', 'revisedp0.jpg', 'sachin.jpg', 'sample.txt', 'screen.txt', and 'weeklytracker/'. They then run 'cd OOAD_CTS', 'pwd' to show the current directory is '/c/Users/Windows 10/Desktop/OOAD_CTS', and finally 'access second time it is giving as coreferences is in stages references okay like that it works'.

Activate Windows
Go to Settings to activate Windows.

Type here to search

1640 17-05-2022

From desktop moving to OOAD_CTS folder like that okay

Ls command over there

```
GitNotes - Google Docs x The Git & Github Bootcamp | Ud... GitHub x + 
MINGW64:/c/Users/Windows 10/Desktop/0OAD_CTS
MultiThreading_notes.txt jquery-3.0.0.js
'New folder' jquerycode.html
'New folder (2)' linq.txt
OODASlides mailtillnow.txt
OODA_CTS merlin.gif
Postman.lnk* netnotes.txt
'RAGHU sign.jpg' notrequired/
Raghavendra.docx pancard.pdf
ReactCTS_Stage3/ raghu.jpeg
ReactLab_stage3/ react-course-projects/
ShivPrasadAngular/ revisedPO.jpg
Stage3_References/ sachin.jpg
Stage4_References/ sample.txt
Telegram.lnk* screen.txt
Tracker.xlsx weeklytracker/
WebApi_Labs_Stage4/ 

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ cd 0OAD_CTS

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/0OAD_CTS
$ pwd
/c/Users/Windows 10/Desktop/0OAD_CTS

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/0OAD_CTS
$ ls
Head.First.Object.Oriented.Analysis.and.Design.Nov.2006.pdf
'Introduction to UML'
'Lynda.com - Foundations of Programming. Object-Oriented Design'
'PicturingUML'
'Solution modeling with uml in visual studio 2010 ultimate'
UML/
UserStories/
Visual_Paradigm_for_UML_CE_Windows_64bit_10.1_20130303.exe*
'newthinktank.com - UML 2.0 [LQ] @ vampiri6ka'
slides/ 

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/0OAD_CTS
$ 

Activate Windows
Go to Settings to activate Windows.

Type here to search 16:41
17-05-2022
```

Cd .. one step backward

```
GitNotes - Google Docs x The Git & Github Bootcamp | Ud... GitHub x + 
MINGW64:/c/Users/Windows 10/Desktop
$ cd..
bash: cd..: command not found

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/0OAD_CTS
$ cd ..

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ | 

Activate Windows
Go to Settings to activate Windows.

Type here to search 16:43
17-05-2022
```

So these are some command related to navigation

Now let us go through files and folder creation and deletion of it

Now if u want to create any file

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/OOAD_CTS
$ cd..
bash: cd..: command not found

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/OOAD_CTS
$ touch sample.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls
Core3.1WebAPI_CTS_Stage4/ 'New folder'
Cube.ico 'New folder (2)'
DSC_0009.JPG OOADSlides/
DailyHD/ OOAD_CTS/
EFCoreNotes_Stage3/
Git_CTS_stage4/
'LINQPad 5.lnk'*
Latestlinkedlistcode.txt Linqextra.txt
Linqnotes.txt Linqtotal.txt
MPFEDocs/ MPFE_References/
'Microsoft Teams.lnk'*
Module2.txt MultiThreading_notes.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ touch sample.txt
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls
Core3.1WebAPI_CTS_Stage4/ 'New folder'
Cube.ico 'New folder (2)'
DSC_0009.JPG OOADSlides/
DailyHD/ OOAD_CTS/
EFCoreNotes_Stage3/
Git_CTS_stage4/
'LINQPad 5.lnk'*
Latestlinkedlistcode.txt Linqextra.txt
Linqnotes.txt Linqtotal.txt
MPFEDocs/ MPFE_References/
'Microsoft Teams.lnk'*
Module2.txt MultiThreading_notes.txt
sample.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ |
```

Activate Windows
Go to Settings to activate Windows.

16:51 17-05-2022

When the file is already there nothing it will do if not there means it will create it it will also not override the content as sample was there

So again sample 22 i created

```
GitNotes - Google Docs x The Git & Github Bootcamp | Uc... x GitHub x + MINGW64/c/Users/Windows 10/Desktop LatestLinkedlistcode.txt ReactCTS_Stage3/ certificate.pdf Linqextra.txt ReactLab_stage3/ dbnotes.txt Linqnotes.txt ShivPrasadAngular/ desktop.ini Linqtotal.txt Stage3_References/ download.log MFPEDocs/ Stage4_References/ driving_Insurance.pdf MFPE_References/ Telegram.Lnk* Tracker.xlsx 'Microsoft Teams.Lnk'* Module2.txt WebApi_Labs_Stage4/ jquery-3.0.0.js MultiThreading_notes.txt WebApplication44/ jquerycode.html

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ touch sample22.txt
```

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls
Core3.1WebAPI_CTS_Stage4/ 'New Folder'
Cube.ico 'New Folder (2)'
DSC_0009.JPG OOADSlides/
DailyHD/ OOAD_CTS/
EFCoreNotes_Stage3/
Git_CTS_stage4/
'LINQPad 5.Lnk'
Latestlinkedlistcode.txt 'RAGHU sign.jpg'
Linqextra.txt Raghavendra.docx
Linqnotes.txt ReactCTS_Stage3/
Linqtotal.txt ReactLab_stage3/
MFPEDocs/ Stage3_References/
MFPE_References/ Stage4_References/
'Microsoft Teams.Lnk'* Telegram.Lnk*
Module2.txt Tracker.xlsx WebApi_Labs_Stage4/
MultiThreading_notes.txt WebApplication44/ jquerycode.html

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ |
```

Activate Windows
Go to Settings to activate Windows.

Type here to search

1655 17-05-2022

At a time more than one file and different varieties means like pdf etc u can create

```
GitNotes - Google Docs x The Git & Github Bootcamp | Uc... x GitHub x + MINGW64/c/Users/Windows 10/Desktop LatestLinkedlistcode.txt Kirjan.docx Linqextra.txt 'New Folder'
Linqnotes.txt 'New Folder (2)'
Linqtotal.txt OOADSlides/
MFPEDocs/ OOAD_CTS/
MFPE_References/ Postman.Lnk*
'LINQPad 5.Lnk'
Latestlinkedlistcode.txt 'RAGHU sign.jpg'
Linqextra.txt Raghavendra.docx
Linqnotes.txt ReactCTS_Stage3/
Linqtotal.txt ReactLab_stage3/
MFPEDocs/ Stage3_References/
MFPE_References/ Stage4_References/
'Microsoft Teams.Lnk'* Telegram.Lnk*
Module2.txt Tracker.xlsx WebApi_Labs_Stage4/
MultiThreading_notes.txt WebApplication44/ jquerycode.html

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ touch sample.pdf kirjan.docx
```

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls
Core3.1WebAPI_CTS_Stage4/ 'New Folder'
Cube.ico 'New Folder (2)'
DSC_0009.JPG OOADSlides/
DailyHD/ OOAD_CTS/
EFCoreNotes_Stage3/
Git_CTS_stage4/
'LINQPad 5.Lnk'
Latestlinkedlistcode.txt 'RAGHU sign.jpg'
Linqextra.txt Raghavendra.docx
Linqnotes.txt ReactCTS_Stage3/
Linqtotal.txt ReactLab_stage3/
MFPEDocs/ Stage3_References/
MFPE_References/ Stage4_References/
'Microsoft Teams.Lnk'* Telegram.Lnk*
Module2.txt Tracker.xlsx WebApi_Labs_Stage4/
MultiThreading_notes.txt WebApplication44/ jquerycode.html

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ |
```

Activate Windows
Go to Settings to activate Windows.

Type here to search

1658 17-05-2022

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ touch sample.pdf kiran.docx

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls
Core3.1WebAPI_CTS_Sstage4/ 'New folder'
Cube.ico 'New Folder (2) /'
DSC_0009.JPG OOADSlides/
DailyHD/ OOA_CTS/
EFCoreNotes_Sstage3/ Postman.lnk*
Git_CTS_stage4/ 'RAGHU sign.jpg'
'LINQPad 5.lnk'* Raghavendra.docx
Latestlinkedlistcode.txt ReactCTS_Sstage3/
Linqextra.txt ReactLab_stage3/
Linqnotes.txt ShivPrasadAngular/
Linqtotal.txt Stage3_References/
MFPEDocs/ Stage4_References/
MFPE_References/ Telegram.lnk*
'Microsoft Teams.lnk'* Tracker.xlsx
Module2.txt WebApi_Labs_Sstage4/
MultiThreading_notes.txt webApplication44/ jwebex.lnk*
'WhatsApp Image 2020-10-31 at 9.27.39 PM.jpeg'
'WhatsApp.lnk*' 'WinX HD Video Converter DeLuxe.lnk'*
adhar.pdf asp.net_notes.txt
batch20details.xlsx certificate.pdf
dbnotes.txt desktop.ini
download.log driving_Insurance.pdf
finaltarget.txt.txt finaltargetprevious.txt.txt
jquery-3.0.0.js jquerycode.html

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ touch MFPEDOC斯/sample.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ ls MFPEDOC斯
1.Abstract/ 2.PB/ sample.txt

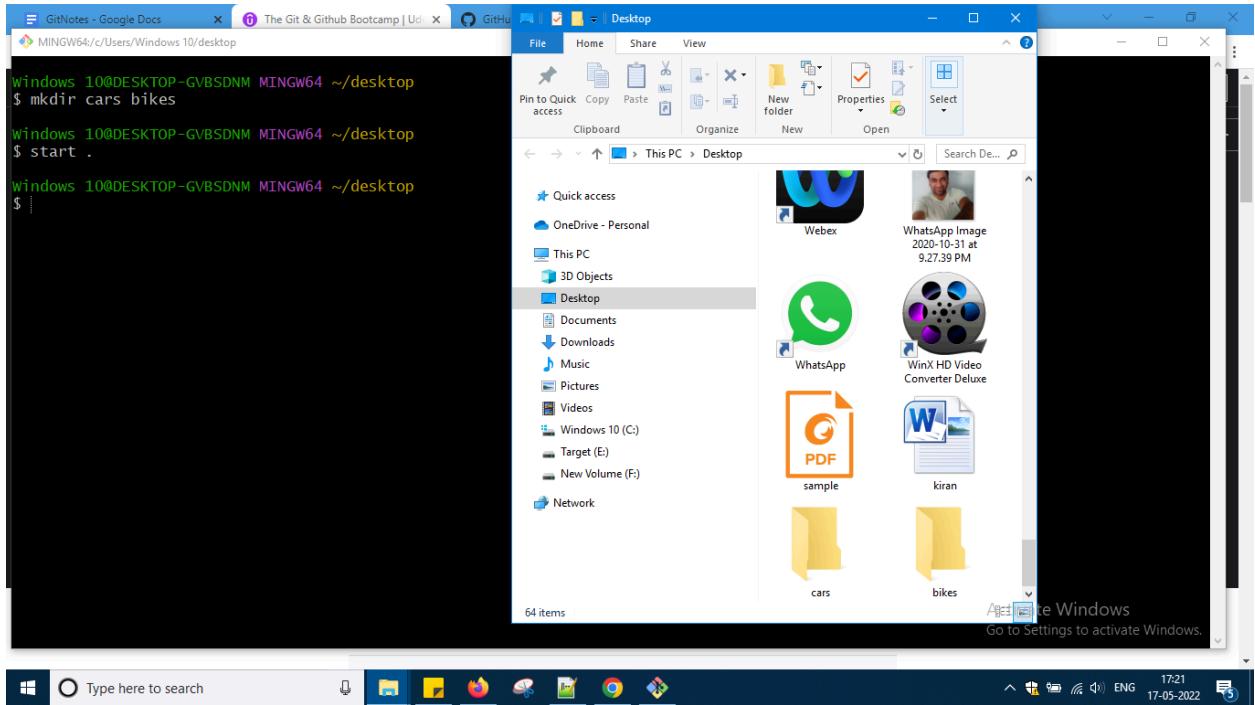
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ |
```

Activate Windows
Go to Settings to activate Windows.

Again in MFPEDOC斯 I want to create file give path and create and and give path and see using ls okay like that u need to do

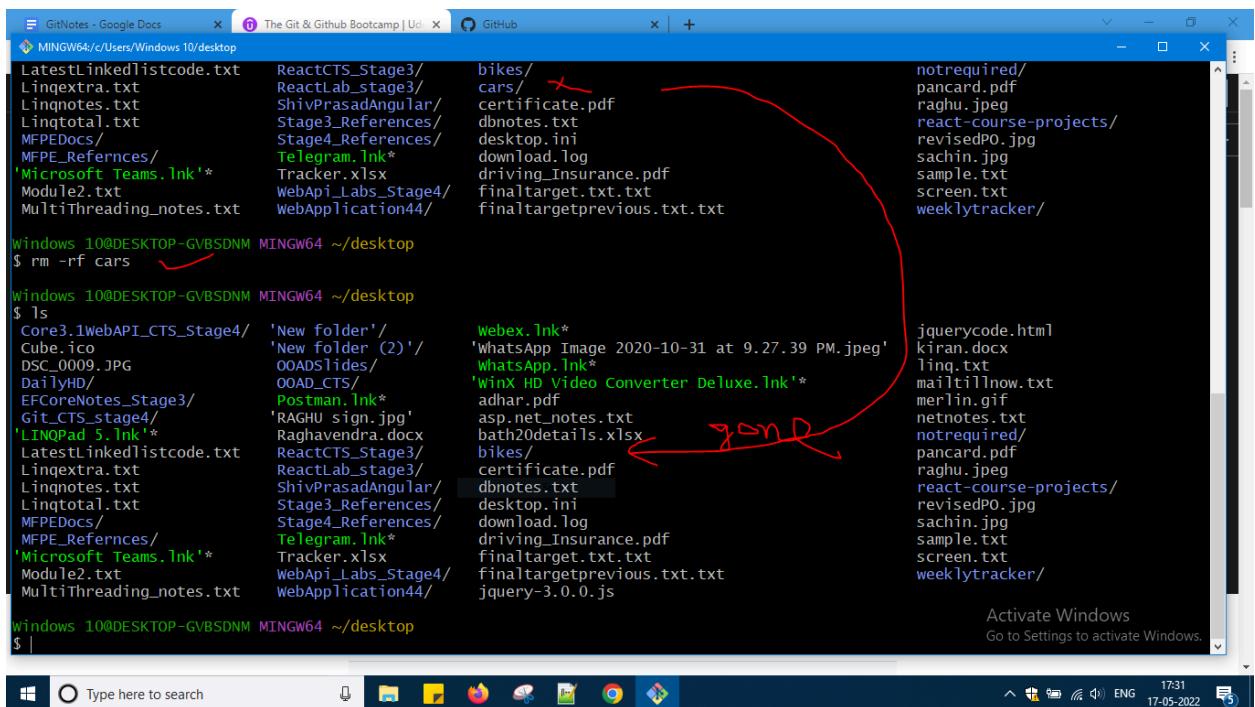
If u are not sure where u are creating files just check PWD and move forward okay

Now creating folders



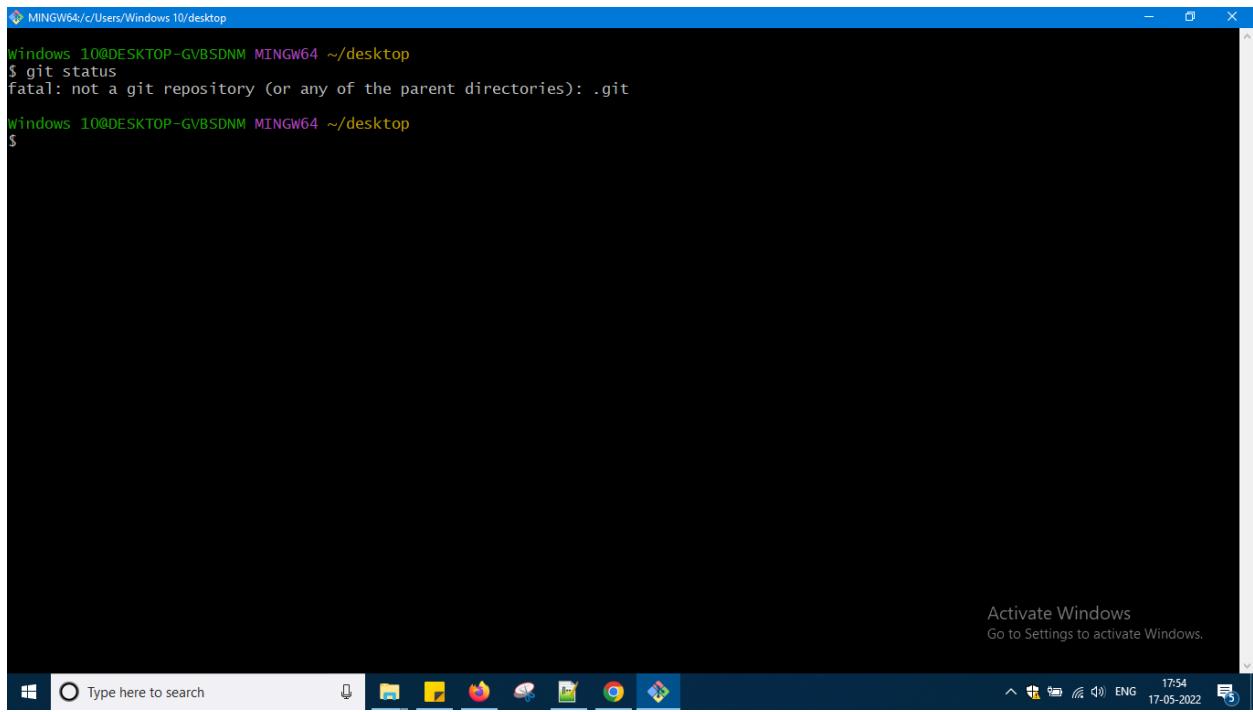
Deleted file using rm command and now it is not there sample.pdf

Okay next i want to delete folders



So rm -rf will delete the folder okay so this is the end of section 3

So basically GIT repository is nothing but and folder for my projects ok workspace where will be storing history of my projects what and all changes have done I will go to the folder and I'll say repository in that folder



A screenshot of a Windows terminal window titled "MINGW64/c/Users/Windows 10/Desktop". The window contains the following text:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ git status
fatal: not a git repository (or any of the parent directories): .git

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$
```

The terminal window is set against a dark background. At the bottom of the screen, the Windows taskbar is visible, featuring the Start button, a search bar with the placeholder "Type here to search", and several pinned application icons. On the right side of the taskbar, there are system status icons and a clock displaying "17:54 17-05-2022". A watermark for "Activate Windows" is present in the center-right area of the desktop.

I have not created GIT repository so I am getting the error so after creating the repository only you can write the comment git status

Let me first create one folder in desktop with the name raghugit

And then go inside that folder and type this command

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ git status
fatal: not a git repository (or any of the parent directories): .git

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ mkdir raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ cd raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit
$ git init
Initialized empty Git repository in C:/Users/Windows 10/Desktop/raghugit/.git/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
```

Activate Windows
Go to Settings to activate Windows.

Type here to search File Explorer Firefox Edge Paint Photos Chrome File Explorer 18:00 17-05-2022

After firing the init command it is like this in that folder I am not seeing anything..it is empty and some tag has come saying master u can see

Here we will run this command only one time and again and again we will be using it that repository okay now run the git status command okay

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ git status
fatal: not a git repository (or any of the parent directories): .git

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ mkdir raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ cd raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit
$ git init
Initialized empty Git repository in C:/Users/Windows 10/Desktop/raghugit/.git/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
```

Activate Windows
Go to Settings to activate Windows.

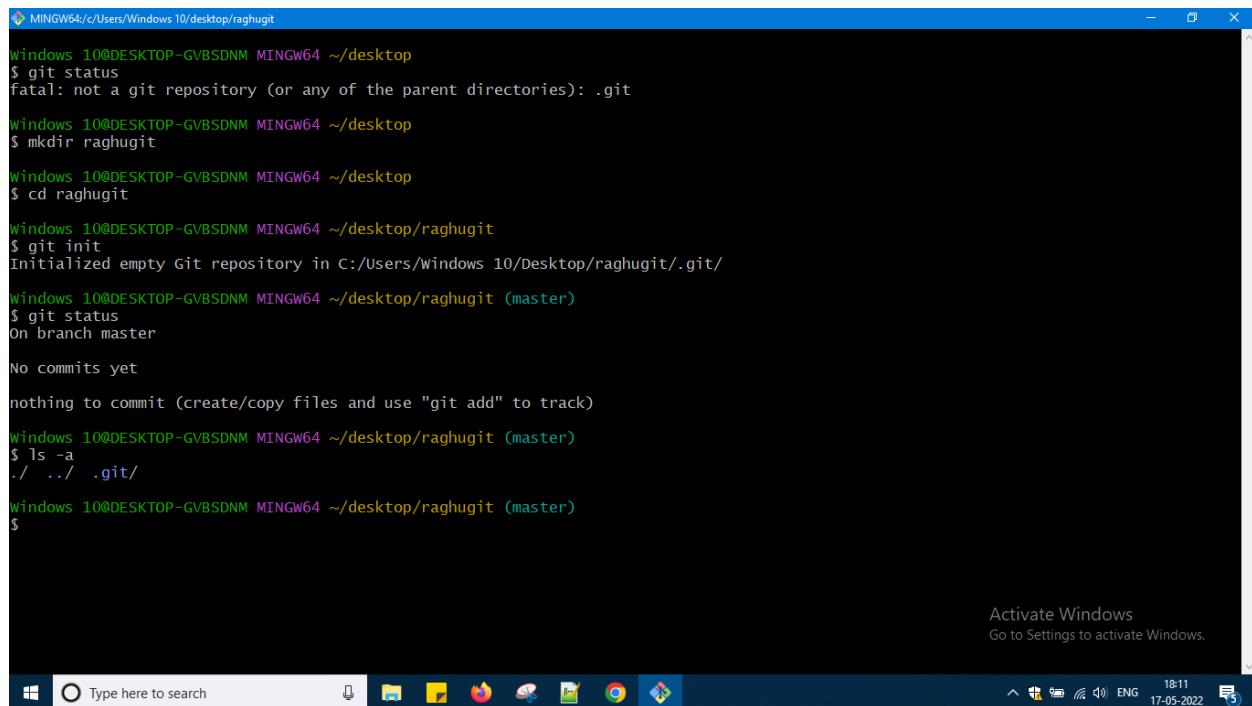
Type here to search File Explorer Firefox Edge Paint Photos Chrome File Explorer 18:03 17-05-2022

<https://git-scm.com/docs/git-init>

<https://git-scm.com/docs/git-status>

So in above links u can check some documentation for the commands which i had typed okay

Actually is hidden so type ls -a



The screenshot shows a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/raghugit'. The terminal output is as follows:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ git status
fatal: not a git repository (or any of the parent directories): .git

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ mkdir raghugit

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ cd raghugit

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit
$ git init
Initialized empty Git repository in C:/Users/Windows 10/Desktop/raghugit/.git/

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ ls -a
./ ../ .git/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$
```

At the bottom right of the terminal window, there is a watermark: 'Activate Windows' and 'Go to Settings to activate Windows.'

The taskbar at the bottom of the screen includes icons for File Explorer, Edge, Firefox, and others, along with a search bar and system status indicators.

Now i am going inside that .git folder and again typing ls over there

```
MINGW64/c/Users/Windows 10/Desktop/raghugit/.git
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ git status
fatal: not a git repository (or any of the parent directories): .git

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ mkdir raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ cd raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit
$ git init
Initialized empty Git repository in C:/Users/Windows 10/Desktop/raghugit/.git/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ ls -a
./ ../.git/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ cd .git
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/.git (GIT_DIR!)
$ ls
HEAD config description hooks/ info/ objects/ refs/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/.git (GIT_DIR!)
$
```

Activate Windows
Go to Settings to activate Windows.

So here some stuff is there some folders are there okay if u delete it we cannot get it back so again i will come back and again there i will write git status it will tell me information and if go back again to desktop and if there i write git status it will not work hope what i am saying u can understand i had create git repo in the folder raghugit okay

```
MINGW64/c/Users/Windows 10/Desktop
nothing to commit (create/copy files and use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ ls -a
./ ../.git/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ cd .git
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/.git (GIT_DIR!)
$ ls
HEAD config description hooks/ info/ objects/ refs/
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/.git (GIT_DIR!)
$ cd..
bash: cd.: command not found

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/.git (GIT_DIR!)
$ cd ..
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

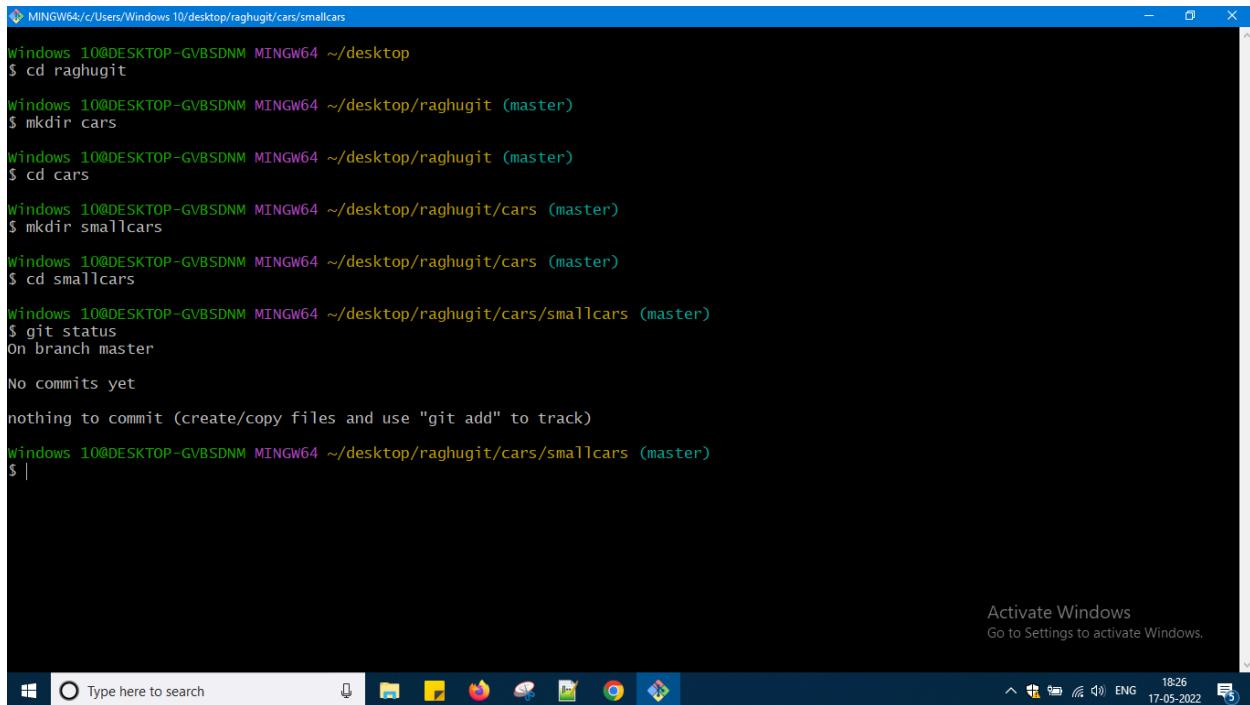
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ cd ..
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ git status
fatal: not a git repository (or any of the parent directories): .git
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ |
```

Activate Windows
Go to Settings to activate Windows.

Don't try to delete the folder of .git and then if u type git status it will not show u have to agai say git init and work with git as that folder stores all history information okay

Let us see some common mistakes which we do in Git commands

GIT keeps track of not only this folder but also subfolders after going into deep subfolders if I type this status then also it will tell me the same thing let us check that



```
MINGW64/c/Users/Windows 10/Desktop/raghugit/cars/smallcars
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ cd raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ mkdir cars
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ cd cars
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/cars (master)
$ mkdir smallcars
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/cars (master)
$ cd smallcars
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/cars/smallcars (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit/cars/smallcars (master)
$ |
```

Inside a Repo dont initialize another repo Type GIT status and check it where you are whether that folder is initialized with git or not

Now let us go with commit command okay commit means what savepoints we can say directly we don't do commit we decide this things have done under one category Few more things in another category and then I will apply commit means I am telling that these are the things which are going to be put under commit when is it practical will come to know

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
No commits yet
nothing to commit (create/copy files and use "git add" to track)
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ touch outline.txt
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ code outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    outline.txt

nothing added to commit but untracked files present (use "git add" to track)
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
```

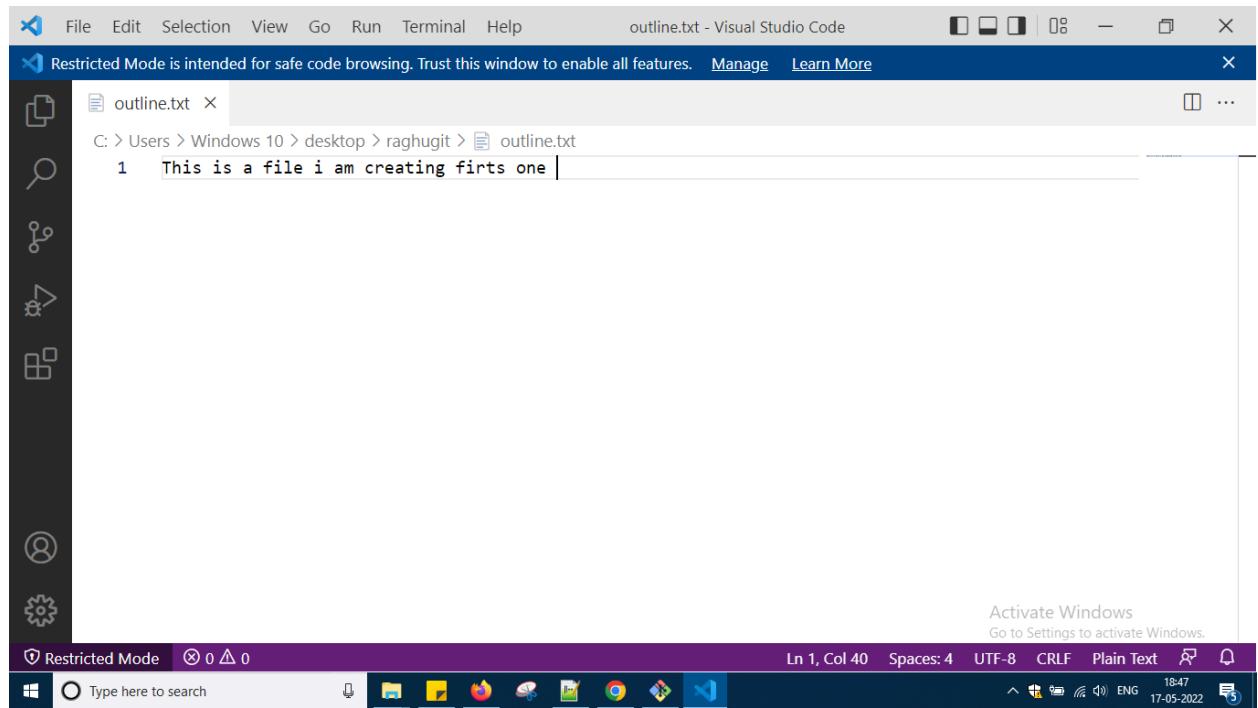
Activate Windows
Go to Settings to activate Windows.

Type here to search

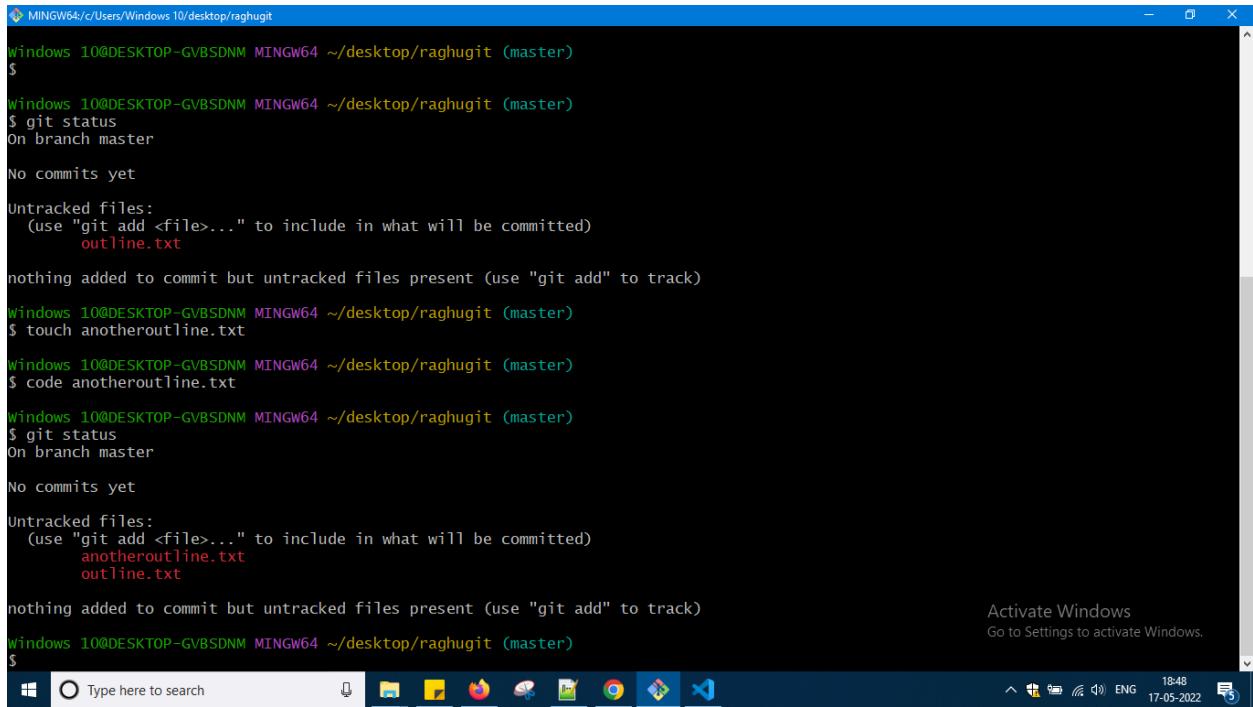
18:46 17-05-2022

Created one file outline and done changes and then writing this command git status it is telling me like this now another file i will create there and again git status i will do okay

Here code will open in vs code



Again two files status is pending



The screenshot shows a Windows 10 desktop with a terminal window open in the foreground. The terminal window has a blue header bar with the text "MINGW64/c/Users/Windows 10/Desktop/raghugit". The main area of the terminal shows a command-line session:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    outline.txt

nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ touch anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ code anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    anotheroutline.txt
    outline.txt

nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$
```

The taskbar at the bottom of the screen includes the Start button, a search bar, and several pinned icons for applications like File Explorer, Edge, and Google Chrome. On the right side of the taskbar, there is a "Activate Windows" message: "Go to Settings to activate Windows." Below the taskbar, the system tray shows the date and time as "17-05-2022 18:48".

It is not tracking okay i had made some stuff okay into the raghugit folder okay

We have to use git add command to tell which one u wan to commit till now just worked now stage it means they are in future to goin commit and information of commit will be stored in .git folder okay

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ code anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    anotheroutline.txt
    outline.txt

nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add outline.txt
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
  Changes to be committed:
    (use "git rm --cached <file>..." to unstage)
      new file: outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
```

Activate Windows
Go to Settings to activate Windows.

18:55 17-05-2022

Another file also add it to staging

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file: outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file: anotheroutline.txt
    new file: outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
```

Activate Windows
Go to Settings to activate Windows.

18:57 17-05-2022

Directly don't do commit put some message like what u have done in this

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  anotheroutline.txt
    new file:  outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git commit -m "two text files created and written some info"
[master (root-commit) 72ad8ca] two text files created and written some info
 2 files changed, 5 insertions(+)
 create mode 100644 anotheroutline.txt
 create mode 100644 outline.txt
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
Activate Windows
Go to Settings to activate Windows.
19:03
17-05-2022
```

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
  (use "git rm --cached <file>..." to unstage)
    new file:  outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add anotheroutline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  anotheroutline.txt
    new file:  outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git commit -m "two text files created and written some info"
[master (root-commit) 72ad8ca] two text files created and written some info
 2 files changed, 5 insertions(+)
 create mode 100644 anotheroutline.txt
 create mode 100644 outline.txt
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
nothing to commit, working tree clean
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
Activate Windows
Go to Settings to activate Windows.
19:03
17-05-2022
```

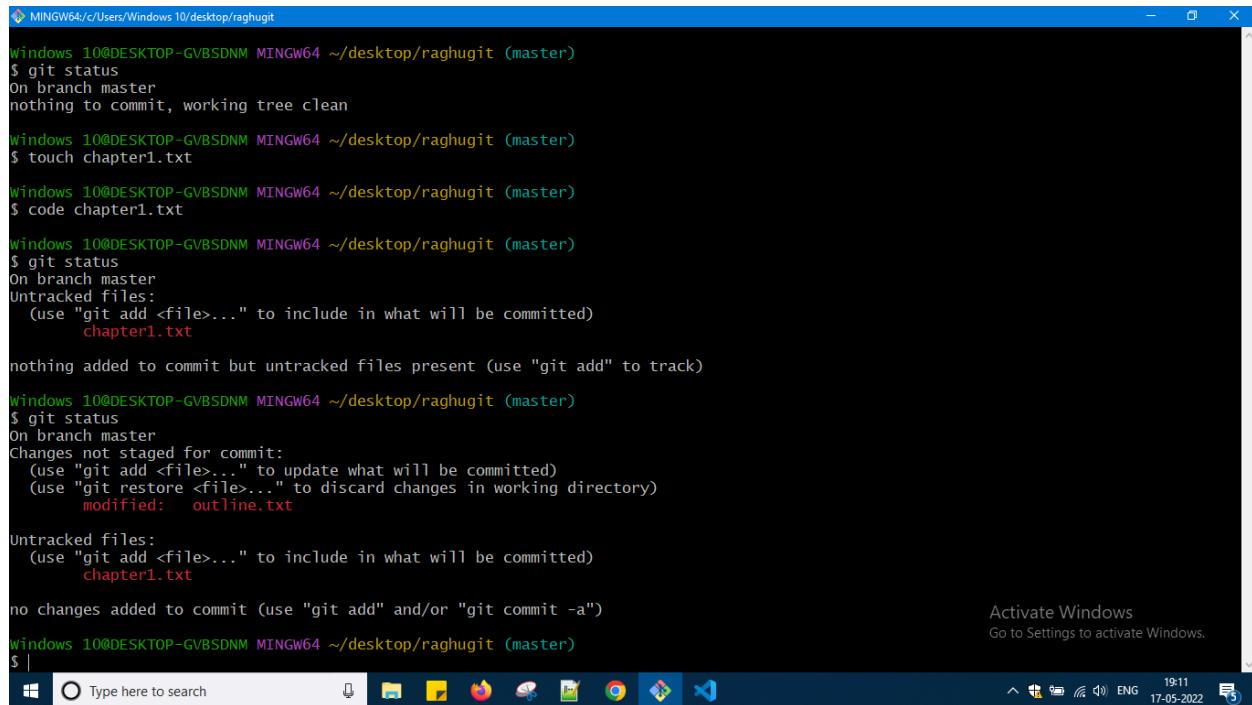
So now no commits are there okay

Some links for more information so now

<https://git-scm.com/docs/git-add>

<https://git-scm.com/docs/git-commit>

Now create another file chapter1.txt and add some contents and save and then check status and again try to modify existing files and again check status okay



```
MINGW64/c/Users/Windows 10/Desktop/raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ touch chapter1.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    chapter1.txt

nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    chapter1.txt

no changes added to commit (use "git add" and/or "git commit -a")
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
```

Activate Windows
Go to Settings to activate Windows.

19:11 17-05-2022

Now i am adding both to staging one in one go and again check git status okay

U need to observe here carefully okay what is telling now do git commit with message okay

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:  outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    chapter1.txt

no changes added to commit (use "git add" and/or "git commit -a")

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add chapter1.txt outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   chapter1.txt
    modified:   outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git commit -m "outline modified"
[master 8b750be] outline modified
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 chapter1.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$
```

Activate Windows
Go to Settings to activate Windows.

So u can see with some message I am doing okay ..

Next command is git log okay

<https://git-scm.com/docs/git-log>

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   chapter1.txt
    modified:   outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git commit -m "outline modified"
[master 8b750be] outline modified
 2 files changed, 2 insertions(+), 1 deletion(-)
 create mode 100644 chapter1.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git log
commit 8b750be39a9001ee336ed95477de11a4046e9d20 (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Tue May 17 19:16:36 2022 +0530

  outline modified

commit 72ad8ca46a3af219dd2435573fd88329d638b38b
Author: Raghu <raghu070882@gmail.com>
Date:   Tue May 17 19:03:04 2022 +0530

  two text files created and written some info

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ |
Activate Windows
Go to Settings to activate Windows.

Type here to search                  19:21
17-05-2022
```

Tells information okay

If there are 50 files i changed then i can write 50 files by giving space u can use git add . command

Eg now i will do modification in two files okay and the git status i will check then git add . will do the same thing which i had done individually for two files

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified: chapter1.txt
      modified: outline.txt

no changes added to commit (use "git add" and/or "git commit -a")

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add .

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: chapter1.txt
    modified: outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$
```

Activate Windows
Go to Settings to activate Windows.

I have gone to file and done changes some command will be there to modify the files later on will check

Further commands

```
MINGW64/c/Users/Windows 10/Desktop/raghugit
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: chapter1.txt
    modified: outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git commit -m "chapter1 and outline finished"
[master e680488] chapter1 and outline finished
 2 files changed, 2 insertions(+), 2 deletions(-)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git log
commit e680488415e0d61ec20c830dbb31db8a0590f82f (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Tue May 17 19:26:12 2022 +0530

  chapter1 and outline finished

commit 8b750be39a9001ee336ed95477de11a4046e9d20
Author: Raghu <raghu070882@gmail.com>
Date:   Tue May 17 19:16:36 2022 +0530

  outline modified

commit 72ad8ca46a3af219dd2435573fd88329d638b38b
Author: Raghu <raghu070882@gmail.com>
Date:   Tue May 17 19:03:04 2022 +0530

  two text files created and written some info
```

Activate Windows
Go to Settings to activate Windows.

Use code . to open entire directory on which u are working okay

For practise try this for this video is available u can see how he is doing u will get knowledge okay

<https://www.notion.so/Committing-Basics-Exercise-3dc1ef1873ce45e68cedd2265710d7d8>

So this is the end of section 4 okay ...

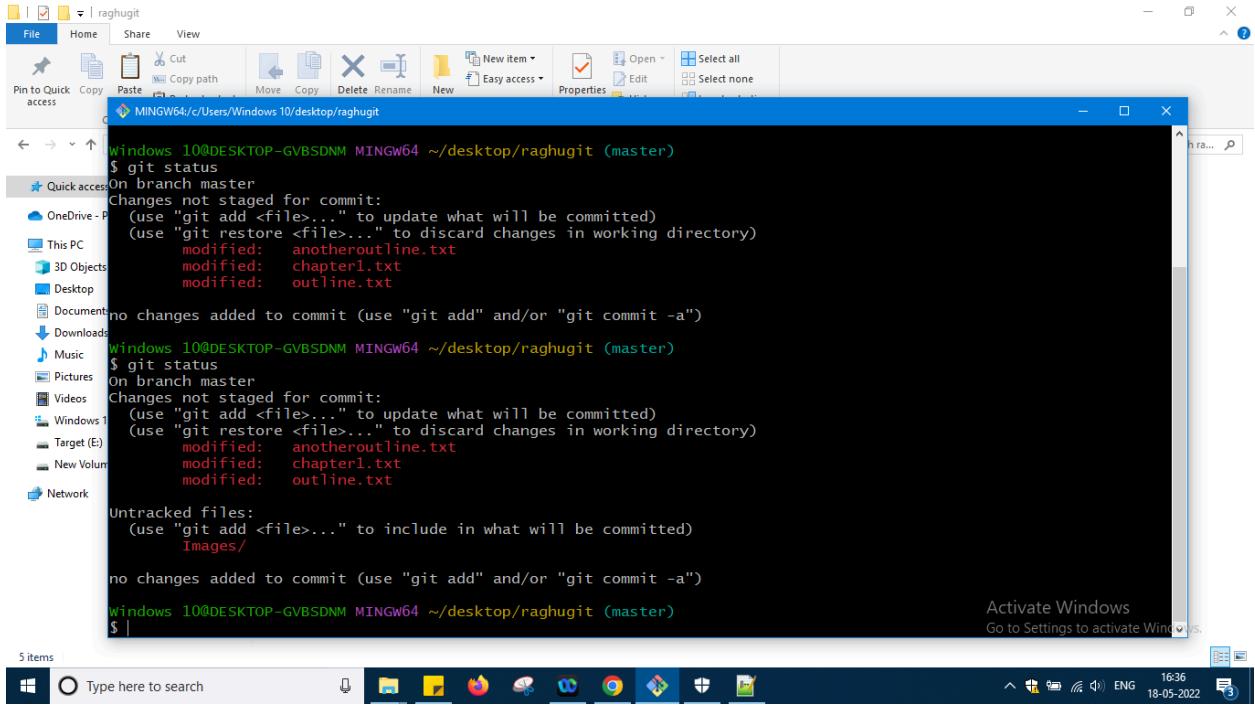
Now i am starting section 5

U can see some references here okay

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

Now u can refer to documents okay now what i am doing is atomic commit how i will do it

Now the folder which i am working is raghugit there i will go and i will modify three files into it and add one folder images and in that add some images



```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified: anotheroutline.txt
      modified: chapter1.txt
      modified: outline.txt

no changes added to commit (use "git add" and/or "git commit -a")

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified: anotheroutline.txt
      modified: chapter1.txt
      modified: outline.txt

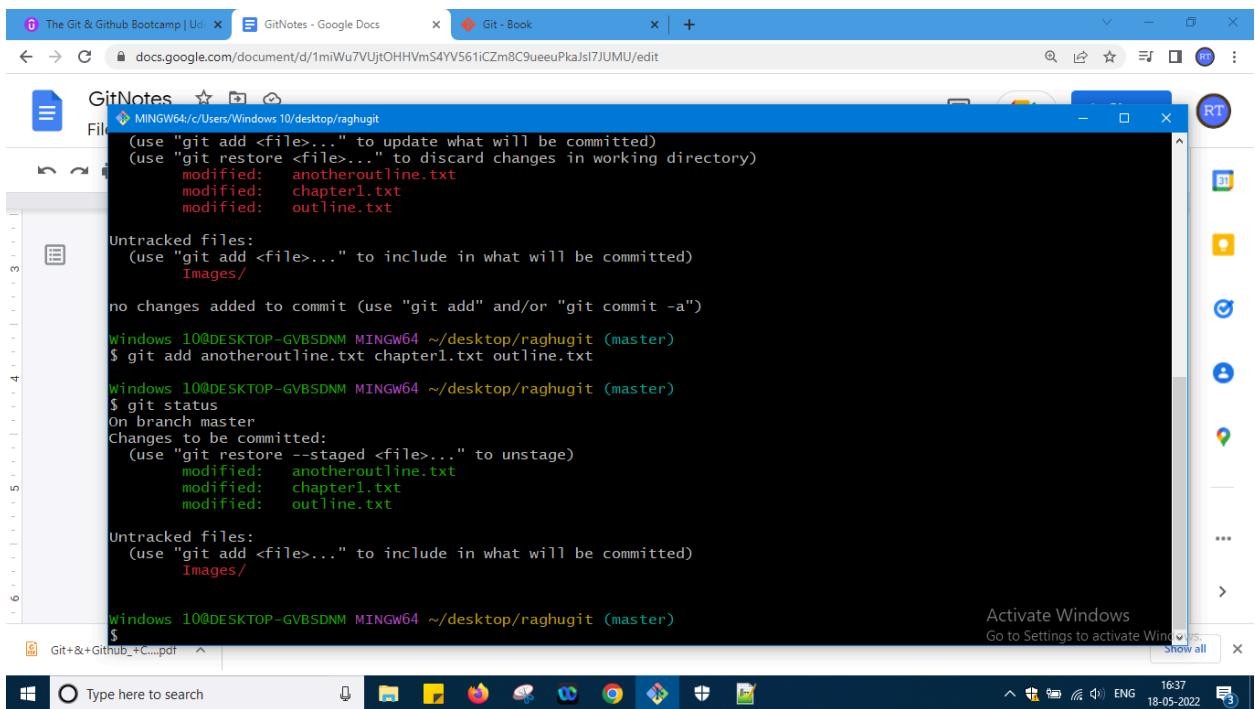
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Images/

no changes added to commit (use "git add" and/or "git commit -a")

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ |
```

What two changes i have done it is showing me okay now

I will stage files in one atomic unit and then images in another



```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git add anotheroutline.txt chapter1.txt outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: anotheroutline.txt
    modified: chapter1.txt
    modified: outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Images/

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ |
```

Now only 3 field gone for staging so now commit them and then will go for images

The screenshot shows a Windows desktop environment. In the center is a terminal window titled "GitNotes" running on "MINGW64/c/Users/Windows 10/Desktop/raghugit". The terminal displays a series of git commands and their outputs:

```
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: anotheroutline.txt
    modified: chapter1.txt
    modified: outline.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Images/

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ commit -m "three files changes"
[master da2fc1b] three files changes
  3 files changed, 3 insertions(+), 3 deletions(-)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Images/
nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$
```

At the bottom right of the terminal window, there is an "Activate Windows" message: "Go to Settings to activate Windows" with a "Show all" link.

Below the terminal window is a taskbar with various icons and a search bar. The system tray shows the date and time as "18-05-2022 16:39".

So three files done now for images i can do like this

This screenshot shows a similar setup to the first one, but the terminal window content is different. It shows the process of committing images and then tracking them:

```
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Images/
nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git add Images/

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file: Images/WhatsApp Image 2020-10-31 at 9.27.39 PM.jpeg
    new file: Images/raghu.jpeg

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git commit -m "Images commited"
[master 92e2807] Images commited
  2 files changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 Images/WhatsApp Image 2020-10-31 at 9.27.39 PM.jpeg
  create mode 100644 Images/raghu.jpeg

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/raghugit (master)
$ git log
commit 92e2807f2ccdfb927c2a2297dcc59b5c7cfc9260 (HEAD --> master)
Author: Raghu <raghu070882@gmail.com>
```

Again, an "Activate Windows" message is visible in the terminal window.

So this is all about git atomic commit okay

Next important topic is

<https://git-scm.com/docs/git-log>

Refer this url i am taking only important topics okay

The screenshot shows a Windows desktop environment. In the center is a terminal window titled 'The Git & GitHub Bootcamp' with the path 'MINGW64:/c/Users/Windows 10/Desktop/raghugit'. The terminal displays several git log entries:

```
Author: Raghu <raghu070882@gmail.com>
Date: Tue May 17 19:26:12 2022 +0530

    chapter1 and outline finished

commit 8b750be39a9001ee336ed95477de11a4046e9d20
Author: Raghu <raghu070882@gmail.com>
Date: Tue May 17 19:16:36 2022 +0530

    outline modified

commit 72ad8ca46a3af219dd2435573fd88329d638b38b
Author: Raghu <raghu070882@gmail.com>
Date: Tue May 17 19:03:04 2022 +0530

    two text files created and written some info

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git log --oneline
fatal: unrecognized argument: --onelin

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git log --oneline
92e2807 (HEAD -> master) Images committed
dazfc1b three files changes
e680488 chapter1 and outline finished
8b750be outline modified
72ad8ca two text files created and written some info

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ |
```

A red arrow points from the word 'onelin' in the first log entry to the word 'oneline' in the second log entry. The status bar at the bottom right shows '16:52 18-05-2022'.

I can see only one line from my log files which i had created

There are other options are also there in documentation just check and try it okay

Now i want to amend the commit okay

This will work when u have made mistake just one commit ago like redo i want to do okay
Like i have forgotten one file to add or in typo message of commit something else i have to write so to amend those i will use this

Now i will modify three files add one heading to them all files and one heading was mistake in spelling and do staging to 2 files and do commit also again git status i came to know forgotten then

The screenshot shows a Windows desktop environment. In the center is a "GitNotes" window titled "MINGW64:c/Users/Windows 10/Desktop/raghugit". The window displays a terminal session with the following commands and output:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified: anotheroutline.txt
    modified: chapter1.txt
    modified: outline.txt

no changes added to commit (use "git add" and/or "git commit -a")

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git add anotheroutline.txt chapter1.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified: anotheroutline.txt
    modified: chapter1.txt

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified: outline.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git commit -m "all three files changed"
[master 83743d8] all three files changed
  2 files changed, 5 insertions(+)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified: outline.txt

no changes added to commit (use "git add" and/or "git commit -a")
```

The taskbar at the bottom shows several pinned icons and the date/time as 18-05-2022 17:12.

This screenshot is nearly identical to the one above, showing the same "GitNotes" window with the same terminal session history. The only difference is the timestamp on the taskbar, which has been updated to 17:13.

So i had written a wrong heading in outline file say and also forgotten also now write this command

```
C: > Users > Windows 10 > Desktop > raghugit > .git > COMMIT_EDITMSG
1  #11 three files changed
2
3  # Please enter the commit message for your changes. Lines starting
4  # with '#' will be ignored, and an empty message aborts the commit.
5  #
6  # Date:      Wed May 18 17:11:40 2022 +0530
7  #
8  # On branch master
9  # Changes to be committed:
10 #   modified:  anotheroutline.txt
11 #   modified:  chapter1.txt
12 #   modified:  outline.txt
13 #
14
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 4 UTF-8 LF Git Commit Message

Restricted Mode Type here to search

One file will come if u have to save message name anything new change it and save and the file will be commit

Once I save it it says that 3 files changed so it will not change the Heading inside content

Now let us go with ignore file concept

U want your git to ignore or not allow git to track some files those files can be kept in git ignore okay something which u dont want to show to entire world you want to have it locally but u dont want to track it okay

Refer the video for this that will be enough

So this is the end of section 5 and now i am moving to section 6

In this we will deal with branching so every commit will have parent reference okay shown in slides okay and which is started first will not have any parent reference okay

We are by default running or working on branch that is main branch and it will say it has nothing to commit like this

A screenshot of a Windows desktop. At the top, there's a browser window with two tabs: "GitNotes - Google Docs" and "The Git & Github Bootcamp | Udemy". Below the tabs, the URL is "udemy.com/course/git-and-github-bootcamp/learn/lecture/24619662#content". The main content area shows a terminal window titled "MINGW64:/c/Users/Windows 10/desktop/raghugit". The terminal output is:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ git status
fatal: not a git repository (or any of the parent directories): .git

Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ cd desktop
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ cd raghugit
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ |
```

A red arrow points from the word "master" in the terminal output to the word "master" in the text below. At the bottom right of the terminal window, there's a message: "Activate Windows Go to Settings to activate Windows." The taskbar at the bottom has several icons and a search bar.

Here it is saying master okay
When i type git log i will see head what is this now

A screenshot of a Windows desktop, similar to the one above. The browser tabs and URL are the same. The terminal window shows the following output:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$ git log
commit 1181c6896de33a3924a5e7b7bb1f6cb02b6d868c (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Wed May 18 17:11:40 2022 +0530

    Now all three files changed

commit 92e2807f2ccdfb927c2a297dcc59b5c7fc9260
Author: Raghu <raghu070882@gmail.com>
Date:   Wed May 18 16:41:37 2022 +0530

    Images committed

commit da2fc1b07959178ac5319a830262339718e081e5
Author: Raghu <raghu070882@gmail.com>
Date:   Wed May 18 16:39:12 2022 +0530

    three files changes

commit e680488415e0d61ec20c830dbb31db8a0590f82f
Author: Raghu <raghu070882@gmail.com>
Date:   Tue May 17 19:26:12 2022 +0530

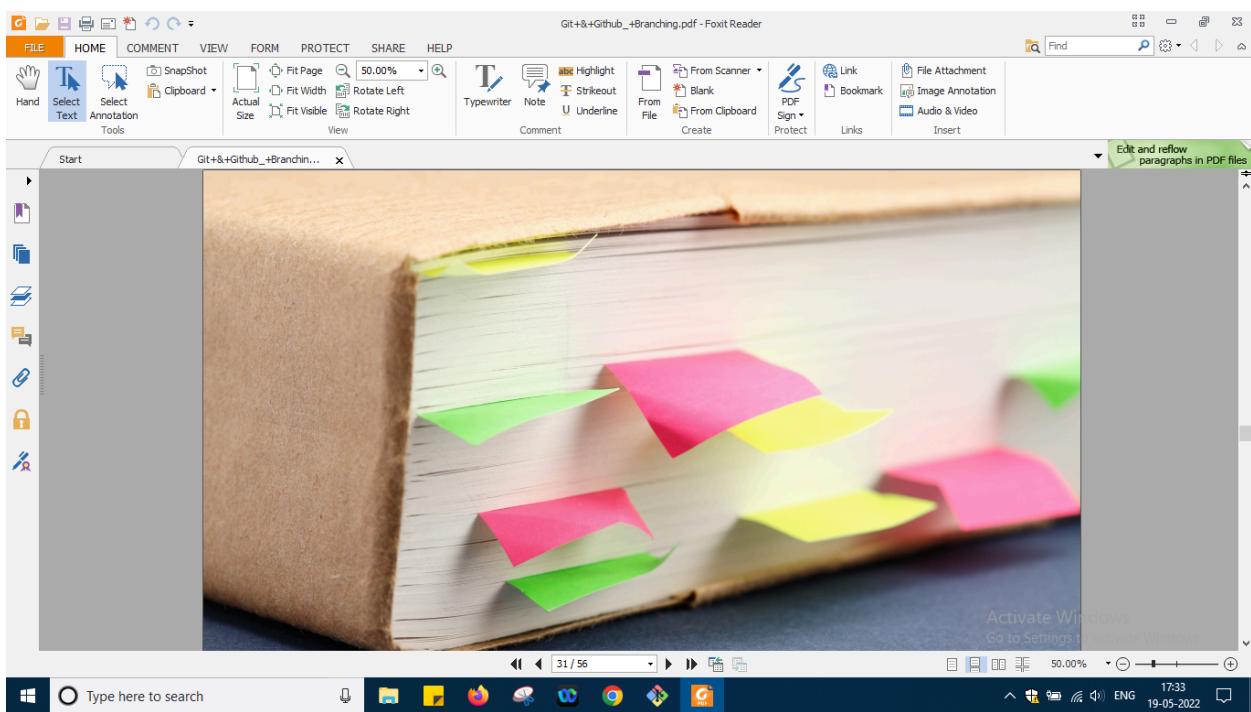
    chapter1 and outline finished

commit 8b750be39a9001ee336ed95477della4046e9d20
Author: Raghu <raghu070882@gmail.com>
Date:   Tue May 17 19:16:36 2022 +0530

    outline modified
```

The taskbar at the bottom is identical to the one in the first screenshot.

It is a pointer to current location in repository so what is head it is like bookmark representation at a time all i cannot open one i can open that one i head



Some documentation check here

<https://git-scm.com/docs/git-branch>

A screenshot of a web browser window. The address bar shows "GitNotes - Google Docs" and "udemy.com/course/git-and-github-bootcamp/learn/lecture/24619666#content". The main content area is a video player showing a terminal window. The terminal window has a blue header "MINGW64:/c/Users/Windows 10/Desktop/raghugit". The terminal output is as follows:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ cd desktop

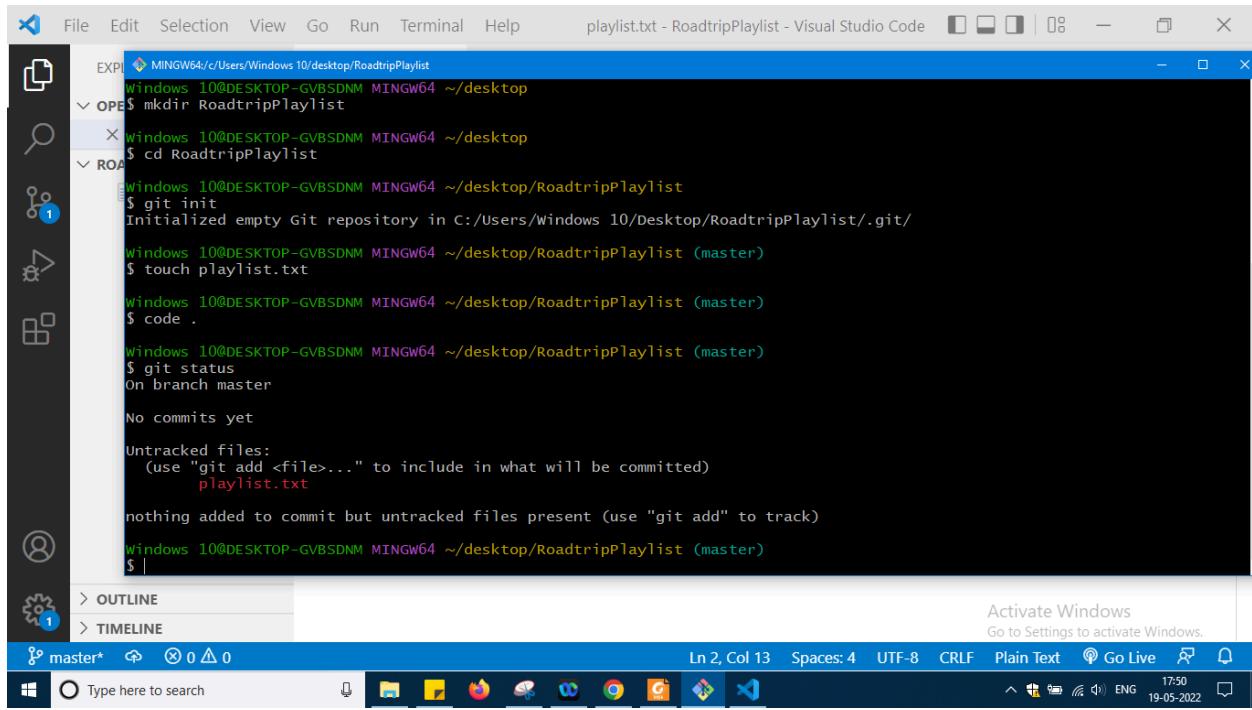
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ cd raghugit

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
* master

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/raghugit (master)
$
```

The browser interface includes a search bar, a navigation bar with back, forward, and search icons, and a status bar at the bottom showing "Activate Windows Go to Settings to activate Windows." and other system details.

If i type git branch it will just show me main master branch which i have it okay so i had added a new folder and inthat one file and added some heading and this is steps for that



The screenshot shows a Windows 10 desktop environment with Visual Studio Code open. The terminal window displays the following command history:

```
MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop
$ mkdir RoadtripPlaylist
$ cd RoadtripPlaylist
$ git init
Initialized empty Git repository in c:/Users/Windows 10/Desktop/RoadtripPlaylist/.git/
$ touch playlist.txt
$ git status
On branch master

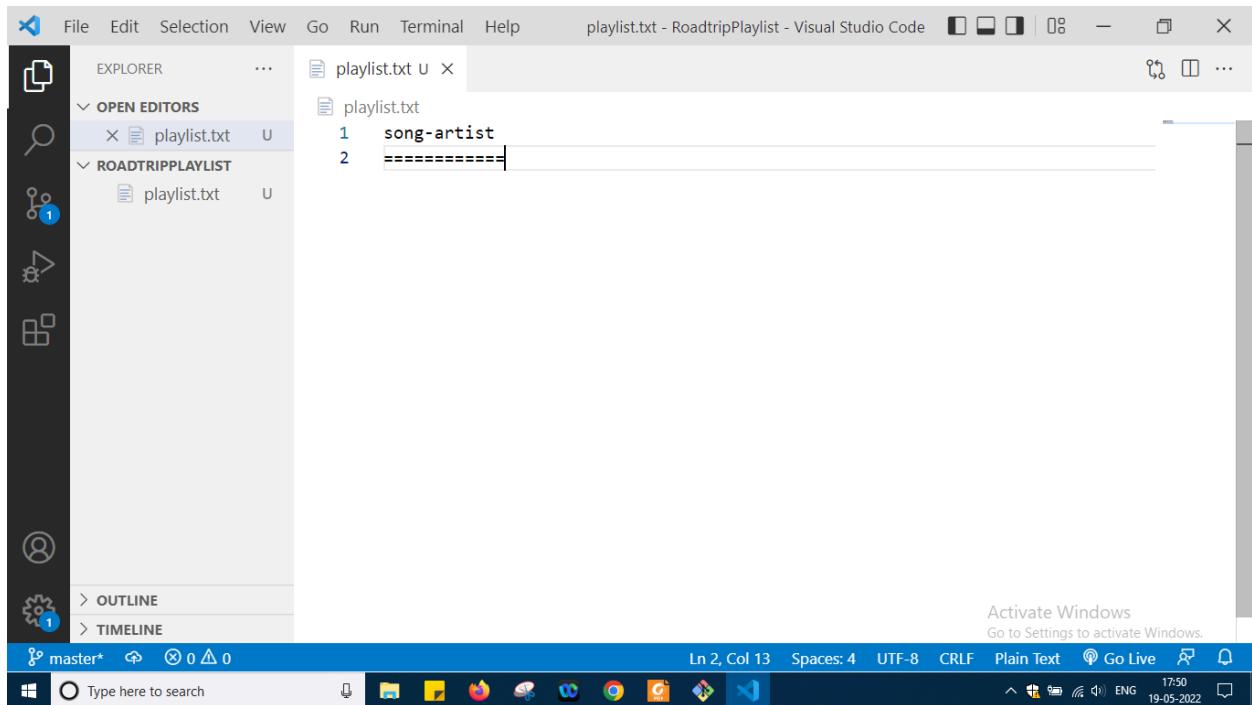
No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    playlist.txt

nothing added to commit but untracked files present (use "git add" to track)
$
```

The status bar at the bottom indicates the current branch is 'master'. The taskbar shows icons for various applications including File Explorer, Microsoft Edge, and Google Chrome.

Changes just

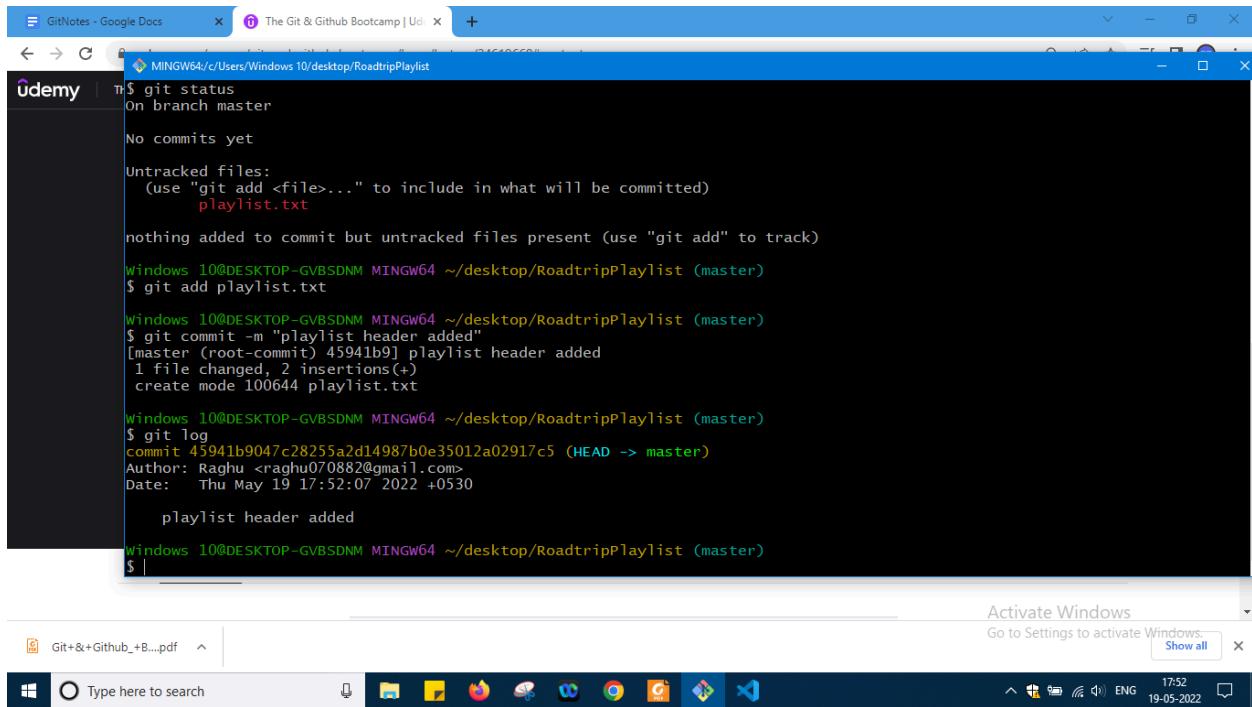


The screenshot shows the same Visual Studio Code interface. The 'OPEN EDITORS' sidebar lists 'playlist.txt' under the 'ROADTRIPPLAYLIST' folder. The editor pane shows the following content:

```
song-artist
=====
```

The status bar at the bottom indicates the current branch is 'master'. The taskbar shows icons for various applications including File Explorer, Microsoft Edge, and Google Chrome.

Then added for staging and finally git log



```
MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    playlist.txt

nothing added to commit but untracked files present (use "git add" to track)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git add playlist.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git commit -m "playlist header added"
[master (root-commit) 45941b9] playlist header added
 1 file changed, 2 insertions(+)
 create mode 100644 playlist.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git log
commit 45941b9047c28255a2d14987b0e35012a02917c5 (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 17:52:07 2022 +0530

  playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ |
```

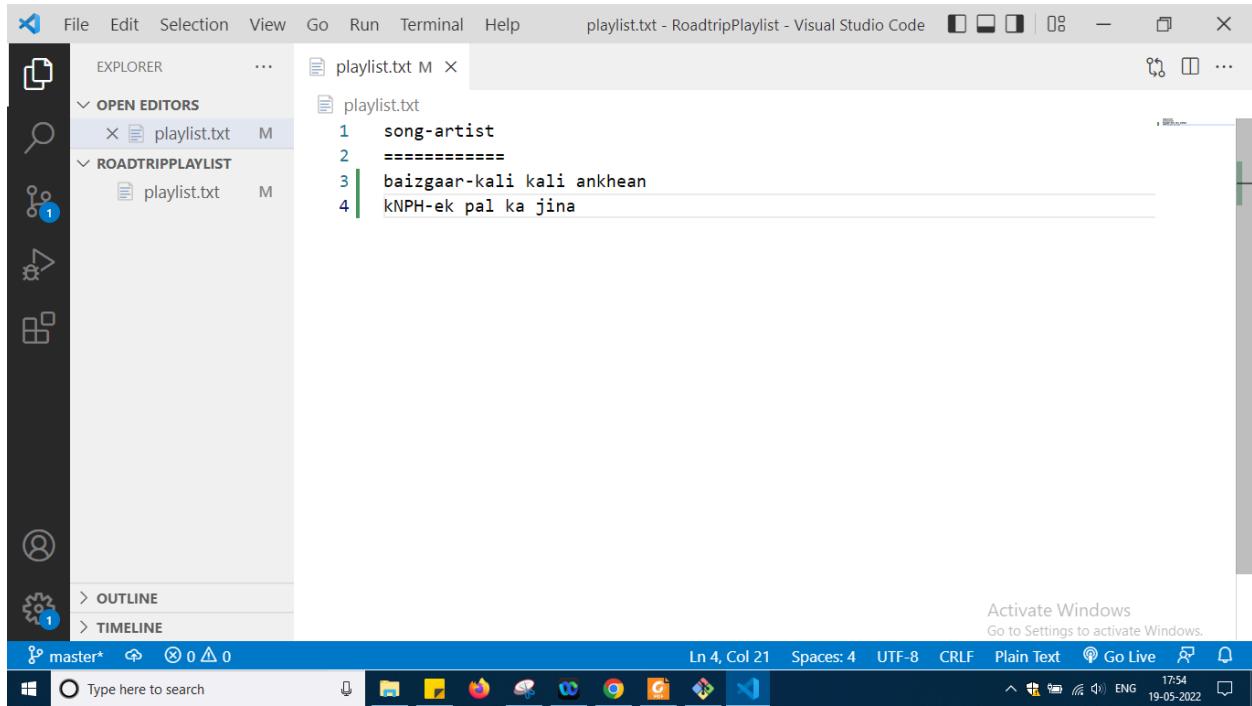
Activate Windows
Go to Settings to activate Windows.
Show all

Git+&+Github_B.pdf

Type here to search

17:52 19-05-2022

So u can see that head is still pointing to master branch only now two songs i will add



```
File Edit Selection View Go Run Terminal Help
playlist.txt - RoadtripPlaylist - Visual Studio Code
EXPLORER OPEN EDITORS ROADTRIPPLAYLIST
playlist.txt
song-artist
=====
baizgaar-kali kali ankhean
KNPH-ek pal ka jina
```

Activate Windows
Go to Settings to activate Windows.

master* 0 0 0 0

Type here to search

17:54 19-05-2022

Further commands okay

```
MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
$ create mode 100644 playlist.txt
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git log
commit 45941b9047c28255a2d14987b0e35012a02917c5 (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530

    playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   playlist.txt

no changes added to commit (use "git add" and/or "git commit -a")

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git add playlist.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git commit -m "added two hindi songs"
[master f171067] added two hindi songs
 1 file changed, 3 insertions(+), 1 deletion(-)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$
```

Still everything in master branch only doing okay
So two commits we have

```
MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
$ (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   playlist.txt

no changes added to commit (use "git add" and/or "git commit -a")

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git add playlist.txt

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git commit -m "added two hindi songs"
[master f171067] added two hindi songs
 1 file changed, 3 insertions(+), 1 deletion(-)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530

    playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$
```

Now lets us make a new branch

File Edit Selection View Go Run Terminal Help playlist.txt - RoadtripPlaylist - Visual Studio Code

```
MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
1 file changed, 3 insertions(+), 1 deletion(-)
OP
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530
    added two hindi songs
commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530
    playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch
* master

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch oldmelodies
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ |
```

> OUTLINE
> TIMELINE

Activate Windows
Go to Settings to activate Windows.

master* 0 △ 0

Type here to search

Ln 4, Col 21 Spaces: 4 UTF-8 CRLF Plain Text Go Live 18:01 19-05-2022

So u can see even after creating a new branch I am still in that brach okay

But after type git branch we can we have a new branch

GitNotes - Google Docs

The Git & Github Bootcamp | Udemy

```
MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530
    added two hindi songs
commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530
    playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch
* master

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch oldmelodies
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch
* master
  oldmelodies

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ |
```

Activate Windows
Go to Settings to activate Windows.

Git+&+Github_B....pdf

Type here to search

18:02 19-05-2022

See the latest command okay

So git log

The screenshot shows a Windows desktop environment. At the top, there are two browser tabs: 'GitNotes - Google Docs' and 'The Git & Github Bootcamp | Udemy'. Below the tabs is a terminal window titled 'MINGW64:~/Desktop/RoadtripPlaylist'. The terminal output is as follows:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch oldmelodies

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch
* master
  oldmelodies

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> master, oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 17:52:07 2022 +0530

    playlist header added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$
```

At the bottom of the terminal window, there is a message: "Activate Windows Go to Settings to activate Windows. Show all".

The taskbar at the bottom of the screen shows several pinned icons: File Explorer, Edge, File Explorer, Firefox, File Explorer, File Explorer, File Explorer, File Explorer, and File Explorer.

Still pointing to the master

And u can also see that two branch references are pointing to same commit but Head it okay pointing to master okay

Git status still main after comandit has changed okay just the pointer is changing

A screenshot of a Windows desktop environment. At the top, there is a taskbar with several pinned icons. Below the taskbar, a search bar contains the text "Type here to search". On the right side of the taskbar, the system tray shows the date and time as "18:08 19-05-2022". In the center of the screen, there is a terminal window titled "MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist". The terminal displays a series of Git commands and their outputs:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git branch
* master
  oldmelodies

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> master, oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 17:52:07 2022 +0530

    playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git switch oldmelodies
Switched to branch 'oldmelodies'

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (oldmelodies)
$ |
```

A second screenshot of a Windows desktop environment, identical to the first one. It features a taskbar at the bottom with a search bar containing "Type here to search" and a system tray showing "18:08 19-05-2022". A terminal window titled "MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist" is open in the center. The terminal displays the same sequence of Git commands and their outputs as the first screenshot.

Just follow commands

A screenshot of a Windows desktop environment. At the top, there's a taskbar with several pinned icons. Below the taskbar, a terminal window is open in the background, showing a command-line session. In the foreground, a larger terminal window is active, displaying a Git log for a repository named 'RoadtripPlaylist'. The log shows a commit from 'Raghu' on May 19, 2022, at 17:55:52 +0530, adding two Hindi songs. The terminal prompt '\$ |' is visible at the bottom.

```
MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
$ git status
On branch master
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (master)
$ git switch oldmelodies
Switched to branch 'oldmelodies'

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (oldmelodies)
$ git status
On branch oldmelodies
nothing to commit, working tree clean

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> oldmelodies, master)
Author: Raghu <rاغھु070882@gmail.com>
Date:   Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <rاغھु070882@gmail.com>
Date:   Thu May 19 17:52:07 2022 +0530

    playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (oldmelodies)
$ |
```

So head pointing to oldmelodies okay

Now add two more songs but old

A screenshot of Visual Studio Code (VS Code) running on a Windows system. The interface shows the file 'playlist.txt' open in the editor. The content of the file is:

```
song-artist
=====
baizgaar-kali kali ankhean
kNPH-ek pal ka jina
Mera sopno ki rani
dream girl
```

The VS Code interface includes a sidebar with file navigation, a status bar at the bottom showing file details like 'oldmelodies', and a taskbar at the very bottom.

A screenshot of a Windows 10 desktop. At the top, there's a taskbar with icons for File Explorer, Google Chrome, and others. Below the taskbar is a Start button. The main area shows a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist'. The terminal output is as follows:

```
playlist header added
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git status
On branch oldmelodies
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified:   playlist.txt

no changes added to commit (use "git add" and/or "git commit -a")

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git add playlist.txt

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git commit -m "added old two songs"
[oldmelodies 5819c78] added old two songs
 1 file changed, 3 insertions(+), 1 deletion(-)

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit 5819c785e4d71095f7c388e134bf49fdb8f7a46a (HEAD -> oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 18:12:06 2022 +0530

  added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
```

The terminal window has a dark background with light-colored text. The taskbar below it also has a dark theme. A small 'Activate Windows' watermark is visible in the center of the screen.

A screenshot of a Windows 10 desktop. At the top, there's a taskbar with icons for File Explorer, Google Chrome, and others. Below the taskbar is a Start button. The main area shows a browser window titled 'udemy.com/course/git-and-github-bootcamp/learn/lecture/24619668#content'. The browser content is identical to the terminal output above, showing the same git commit history for the 'oldmelodies' branch.

```
playlist header added
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git add playlist.txt

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git commit -m "added old two songs"
[oldmelodies 5819c78] added old two songs
 1 file changed, 3 insertions(+), 1 deletion(-)

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit 5819c785e4d71095f7c388e134bf49fdb8f7a46a (HEAD -> oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 18:12:06 2022 +0530

  added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 17:55:52 2022 +0530

  added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 17:52:07 2022 +0530

  playlist header added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ |
```

So if u see master has been left behind okay

Now i will switch again in master and then we will check the file

A screenshot of a Windows desktop environment. At the top, there's a taskbar with several icons. In the center, a terminal window titled 'MINGW64' is open, showing a git log output. A red arrow points from the text 'Switched to branch 'master'' at the bottom of the log to the 'git switch master' command in the terminal below it. The terminal also shows other git commands like 'git commit' and 'git log'. Below the terminal, the taskbar has a search bar and a system tray with icons for battery, signal, and date/time.

```
$ git commit -m "added old two songs"
[oldmelodies 5819c78] added old two songs
1 file changed, 3 insertions(+), 1 deletion(-)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit 5819c785e4d71095f7c388e134bf49fdb8f7a46a (HEAD -> oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:12:06 2022 +0530

    added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530

    playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git switch master
Switched to branch 'master'

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ |
```

Go and check the file in code

A screenshot of the Visual Studio Code interface. The left sidebar shows an 'EXPLORER' view with a file tree. Under 'OPEN EDITORS', 'playlist.txt' is listed. The main editor area shows the contents of 'playlist.txt':

```
song-artist
=====
baizgaar-kali kali ankhean
KNPH-ek pal ka jina
```

The status bar at the bottom indicates the file is 'playlist.txt - RoadtripPlaylist - Visual Studio Code'. It also shows the current branch as 'master' and the file path as 'C:\Users\Windows 10\Desktop\RoadtripPlaylist\playlist.txt'. The taskbar at the very bottom is identical to the one in the first screenshot.

Automatically they are vanished old songs okay so only two commits i can see

A screenshot of a Windows desktop environment. At the top, there's a taskbar with several pinned icons. Below the taskbar, a search bar says "Type here to search" and shows a list of recent items. On the right side of the taskbar, there are system status icons and a clock showing "18:17 19-05-2022". In the center of the screen, there's a terminal window titled "MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist". The terminal displays a series of git commands and their outputs, including committing changes and switching branches. The terminal window has a dark background with light-colored text. At the bottom of the screen, there's a large black bar with the text "Activate Windows" and a link to "Go to Settings to activate Windows".

```
MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist
Date: Thu May 19 17:55:52 2022 +0530
    added two hindi songs
commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530
    playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git switch master
Switched to branch 'master'
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530
    added two hindi songs
commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530
    playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ |
```

Now again switch to oldmelodies and same command u will find the files regenerated

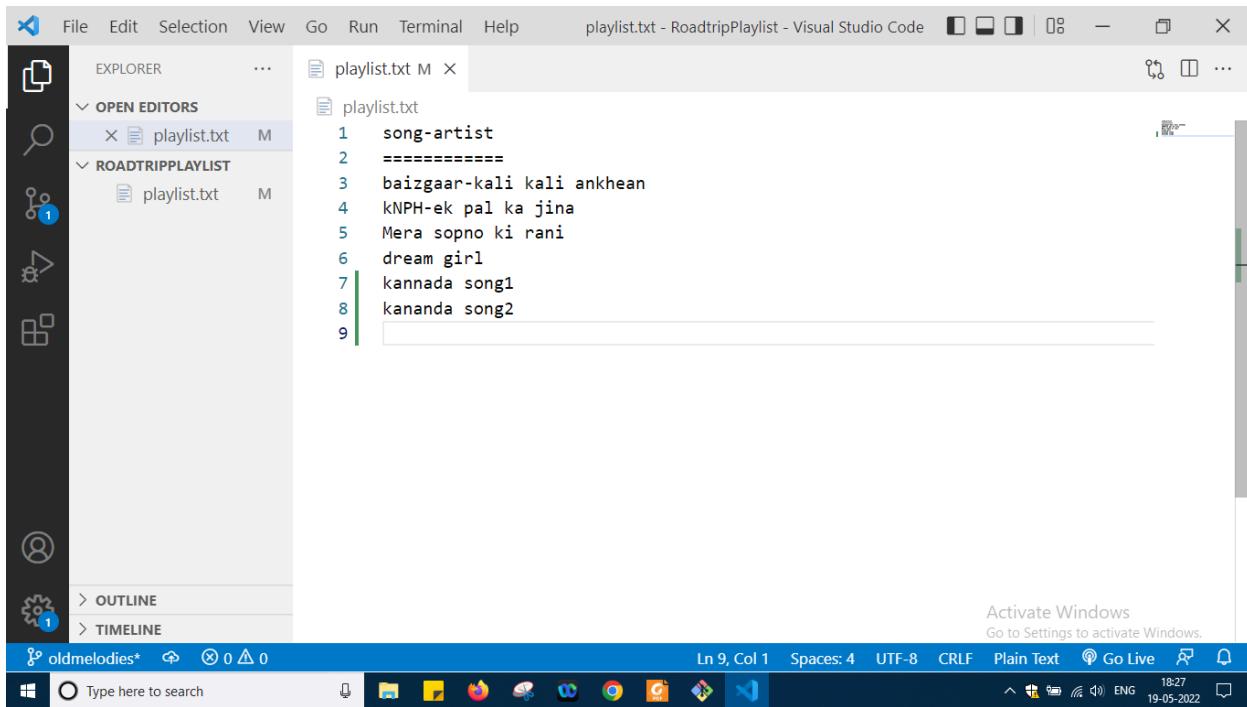
A screenshot of a Windows desktop environment, similar to the one above. It features a taskbar with pinned icons, a search bar, and system status icons. A terminal window titled "MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist" is open in the center. This terminal shows a different sequence of git commands and outputs compared to the first one, indicating a different state or a different run of the demo. The terminal has a dark background with light text. At the bottom, there's a black bar with "Activate Windows" and a link to "Go to Settings to activate Windows".

```
MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist
Date: Thu May 19 17:52:07 2022 +0530
    playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git switch oldmelodies
Switched to branch 'oldmelodies'
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit 5819c785e4d71095f7c388e134bf49fb08f7a46a (HEAD -> oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:12:06 2022 +0530
    added old two songs
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530
    added two hindi songs
commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530
    playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ |
```

So same thing what was earlier okay

So this is basic demo on branching okay

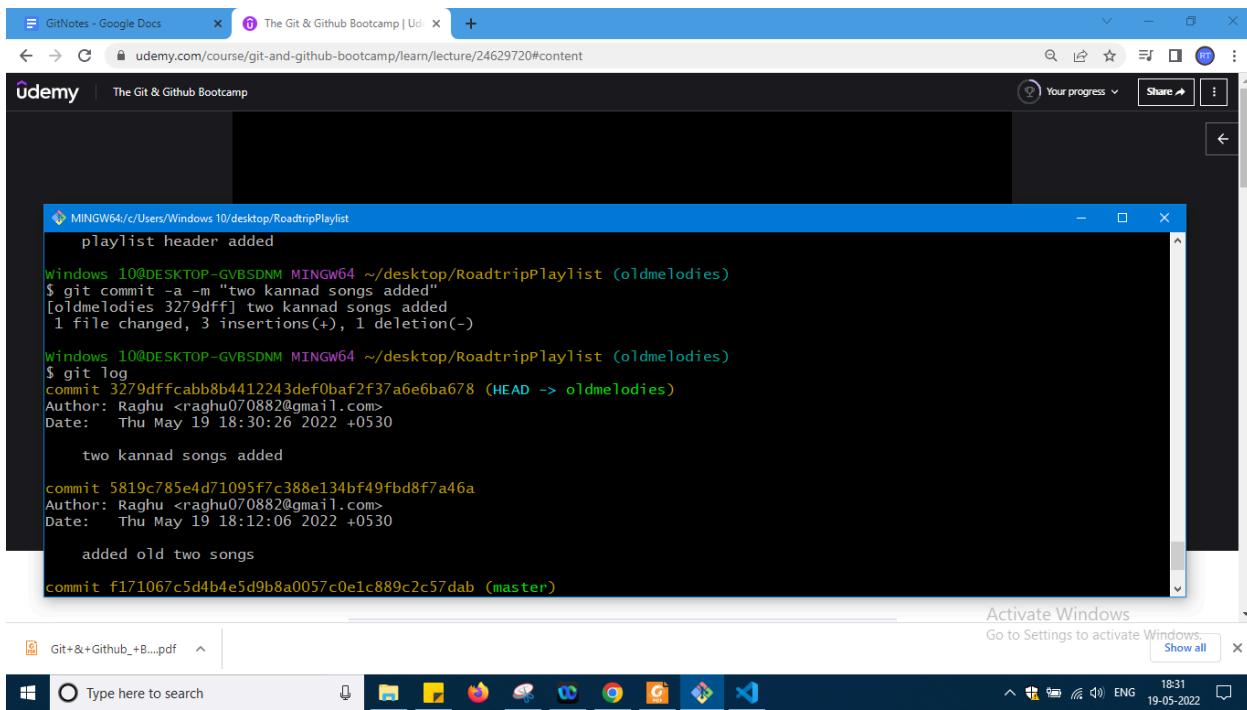
Now i will add two more songs kannada songs



A screenshot of Visual Studio Code showing the contents of a file named 'playlist.txt'. The file contains the following text:

```
1 song-artist
2 =====
3 baizgaar-kali kali ankhean
4 KNPH-ek pal ka jina
5 Mera sopno ki rani
6 dream girl
7 kannada song1
8 kannada song2
```

At a time doing



A screenshot of a Windows desktop environment. In the foreground, a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist' shows the command-line output of a git commit process. The commit message includes the addition of two Kannada songs and their details.

```
playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git commit -a -m "two kannad songs added"
[oldmelodies 3279dff] two kannad songs added
1 file changed, 3 insertions(+), 1 deletion(-)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit 3279dffcab8b4412243def0baf2f37a6e6ba678 (HEAD -> oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 18:30:26 2022 +0530

    two kannad songs added

commit 5819c785e4d71095f7c388e134bf49fb8f7a46a
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 18:12:06 2022 +0530

    added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
```

In the background, a web browser window is open to an Udemy course page titled 'The Git & Github Bootcamp'.

Press just q if u are struck okay

Now i am in oldies and from here i want to make another branch which is kannadabranch

After creating

The screenshot shows a Windows 10 desktop environment. At the top, there's a blue taskbar with several pinned icons. Below it, a browser window is open to 'udemy.com/course/git-and-github-bootcamp/learn/lecture/24629720#content'. The main content area of the browser shows a Udemy course page for 'The Git & Github Bootcamp'. In the foreground, a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist' is active. It displays the following command-line session:

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (oldmelodies)
$ git branch kannada

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit 3279dffcab8b4412243def0baf2f37a6e6ba678 (HEAD -> oldmelodies, kannada)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:30:26 2022 +0530

    two kannad songs added

commit 5819c785e4d71095f7c388e134bf49fb8f7a46a
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:12:06 2022 +0530

    added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530
```

At the bottom of the terminal window, there's a message: 'Activate Windows Go to Settings to activate Windows. Show all'. The taskbar at the bottom has a search bar with 'Git+&+Github_+B...pdf' and a system tray with icons for battery, signal, and date/time.

I am still on oldies

So no switch over done let me do it

So same commit two are there means at the one page two bookmarks kept not needed

The screenshot shows a Windows desktop environment. At the top, there's a taskbar with several icons. Below it is a browser window displaying the Udemy course "The Git & Github Bootcamp". In the center, a terminal window is open, showing the command-line history for a repository named "RoadtripPlaylist". The terminal output includes several git commit messages:

```

MINGW64:/c/Users/Windows 10/Desktop/RoadtripPlaylist
$ git log
commit 3279dffcab8b4412243def0baf2f3/a6e6ba678 (HEAD -> kannada, oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:30:26 2022 +0530

    two kannad songs added

commit 5819c785e4d71095f7c388e134bf49fdb8f7a46a
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:12:06 2022 +0530

    added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530

```

At the bottom of the screen, there's a system tray with icons for battery, signal, and volume, along with the date and time (19-05-2022, 18:36). A status bar at the very bottom also shows the date and time.

Now i will add two telugu songs here and commit them

The screenshot shows a Visual Studio Code (VS Code) interface. On the left is the Explorer sidebar, which lists an "OPEN EDITORS" section containing "playlist.txt" and a "ROADTRIPPLAYLIST" folder also containing "playlist.txt". The main editor area displays the contents of "playlist.txt":

```

song-artist
=====
baizgaar-kali kali ankhean
KNPH-ek pal ka jina
Mera sopno ki rani
dream girl
kannada song1
kananda song2
telgu song1
telgu song2

```

The status bar at the bottom of the VS Code window shows "Ln 11, Col 1" and other details like "Spaces: 4", "UTF-8", "CRLF", "Plain Text", and "Go Live". The system tray and taskbar at the bottom of the screen are also visible.

So like earlier manner in one go i have added

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with several icons. In the center, a Microsoft Edge browser window is open, displaying a Udemy course page titled "The Git & Github Bootcamp". Below the browser, a terminal window titled "MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist" is running. The terminal displays a series of Git commands and their output:

```
Date: Thu May 19 17:52:07 2022 +0530
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (kannada)
$ git commit -a -m "added two telgu songs"
[kannada 4fbb5a5] added two telgu songs
1 file changed, 2 insertions(+)

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/RoadtripPlaylist (kannada)
$ git log
commit 4fbb5a51a7c1a18dd82a07759d5e5440c9fba (HEAD -> kannada)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:38:51 2022 +0530

    added two telgu songs

commit 3279dffcab8b4412243def0baf2f37a6e6ba678 (oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:30:26 2022 +0530

    two kannad songs added

commit 5819c785e4d71095f7c388e134bf49fb8f7a46a
```

At the bottom of the screen, the Windows Start button is visible, along with the system tray showing battery status, network connection, and date/time (18:39, 19-05-2022).

So head pointing to kannada done mistake here after adding two telugu songs i need to create branch telugu which forgotten so do it for marathi songs in kannada branch

So taking the video u can practice this okay

So if u observe the video carefully u can get it just practise okay

Next command is git checkout

<https://git-scm.com/docs/git-checkout>

A screenshot of the Visual Studio Code interface. The title bar reads "playlist.txt - RoadtripPlaylist - Visual Studio Code". The main area shows a terminal window with the following command history:

```
MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist
$ cd..
bash: cd..: command not found
$ cd ..
$ cd RoadtripPlaylist
$ git branch
  kannada
* marathi
  master
  oldmelodies
$
```

The interface includes an Explorer sidebar on the left, an Outline and Timeline panel at the bottom left, and a status bar at the bottom right showing "Ln 11, Col 1", "Spaces: 4", "UTF-8", "CRLF", "Plain Text", "Go Live", and the date/time "19-05-2022 18:57". A search bar at the bottom says "Type here to search".

So from here i am not writing notes if i feel i will write as time is not there

U can refer video and its slide there and again practise okay

Lastly u can refer this exercise which is nice to have as complete summary of **section 6** just listen to this video that will be enough

<https://www.notion.so/Branching-Exercise-b5460c881d56400cb046357d9a430bf8>

So this ends sixth section refer video okay

Now I am moving to **section 7** okay which is Merging of branch

We have here two types of merging fast forward merge and git merge etc we will see that Some link for documentation is here

<https://git-scm.com/docs/git-merge>

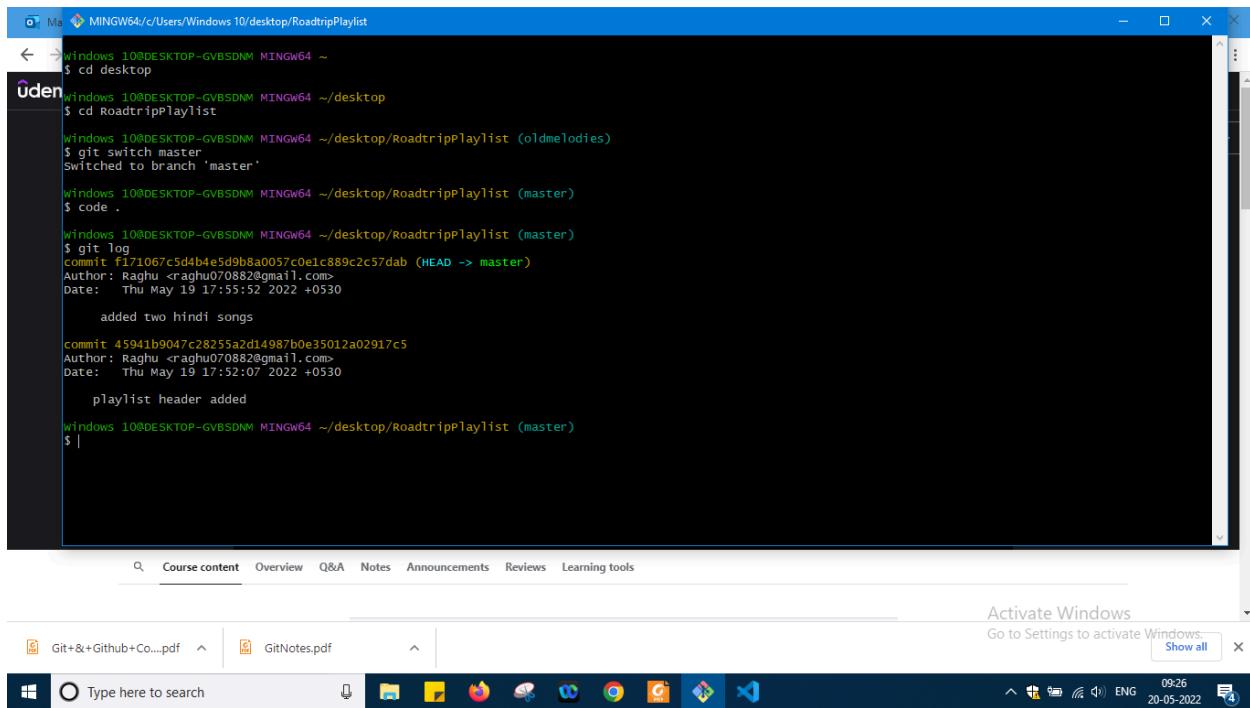
For merging the branch which u have created separately from main branch first u need to switch master branch so that now Head points to master and then u have to write the git merge command okay

It is take all the commits from that branch and will merge into main branch okay

Now lets us try fast forward merge now it is simple

In my previous demo I am moving to master and cheking there how many commits i have done and same thing i am chking it for melides also and there how many done so

For master



A screenshot of a Windows 10 desktop. At the top, there's a blue taskbar with icons for File Explorer, Microsoft Edge, and other apps. Below the taskbar is a white header bar with course navigation links: Q Course content (highlighted), Overview, Q&A, Notes, Announcements, Reviews, and Learning tools. The main area shows a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist'. The terminal output is as follows:

```
Ma MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist
← → windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ cd desktop
Uden windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ cd RoadtripPlaylist
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git switch master
Switched to branch 'master'
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ code .
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date:   Thu May 19 17:52:07 2022 +0530

    playlist header added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ |
```

The terminal window has a dark background and light-colored text. The taskbar below it shows several open files: 'Git+&+Github+Co...pdf' and 'GitNotes.pdf'. The system tray at the bottom right shows the date (20-05-2022), time (09:26), battery level, signal strength, and language (ENG).

For master

playlist.txt - RoadtripPlaylist - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER ...

OPEN EDITORS ...

playlist.txt

ROADTRIPPLAYLIST

playlist.txt

1 song-artist
2 =====
3 baizgaar-kali kali ankhean
4 kNPH-ek pal ka jina

OUTLINE

TIMELINE

Activate Windows
Go to Settings to activate Windows.

master

Ln 4, Col 21 Spaces: 4 UTF-8 CRLF Plain Text Go Live

Type here to search

09:27 20-05-2022

So this was the status there now

For old melodies

```
Date: Thu May 19 17:52:07 2022 +0530
  playlist header added
Uden windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git branch -v
  kannada 50d58aa added two marathi songs
  marathi 4fb5a5 added two telugu songs
* master f171067 added two hindi songs
  oldmelodies 3279dff two kannad songs added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git switch oldmelodies
Switched to branch 'oldmelodies'

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git log
commit 3279dffccab8b4412243def0bafff37a6e6ba678 (HEAD -> oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 18:30:26 2022 +0530

    two kannad songs added

commit 5819c785e4d71095f7c388e134bf49fbdb8f7a46a
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 18:12:06 2022 +0530

    added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255azd14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date:  Thu May 19 17:52:07 2022 +0530

    playlist header added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ |
```

Activate Windows
Go to Settings to activate Windows.
Show all

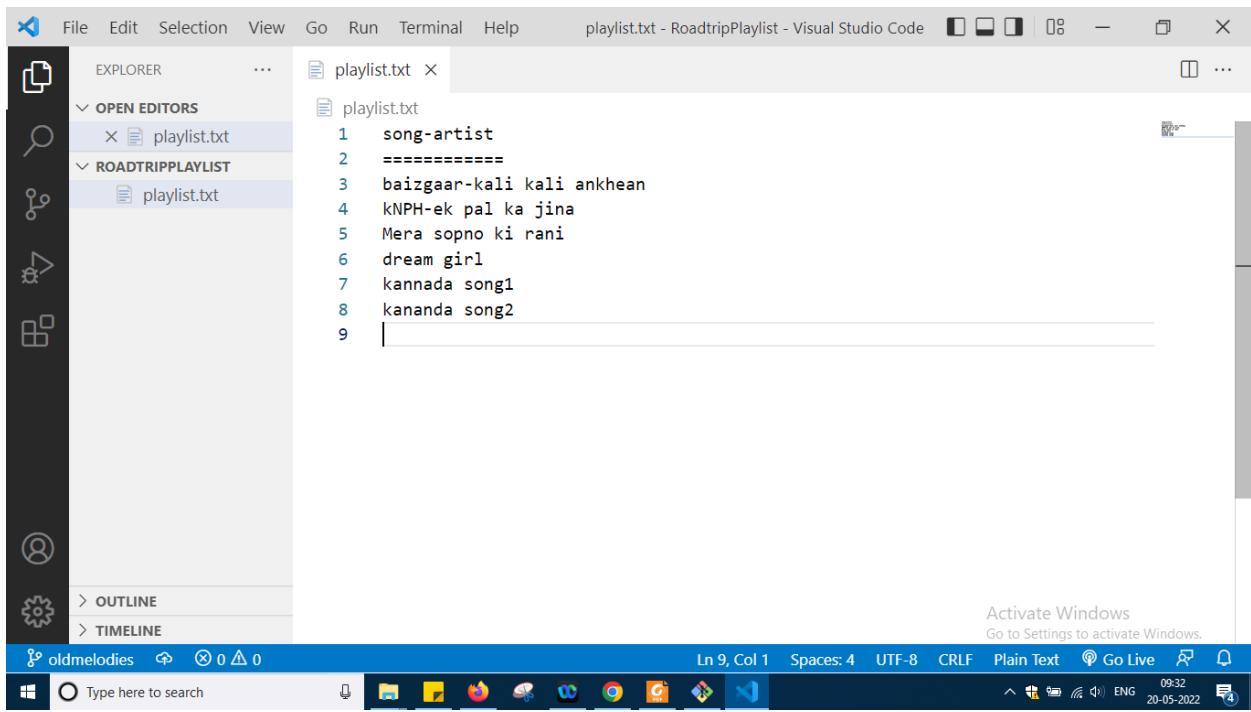
Git+&+Github+Co....pdf

GitNotes.pdf

Type here to search

09:30 20-05-2022

So above -v is giving more information about no of branches I am having okay then i can see that in melodies two commits i have done one another two from master okay it is showing all and if i see the file

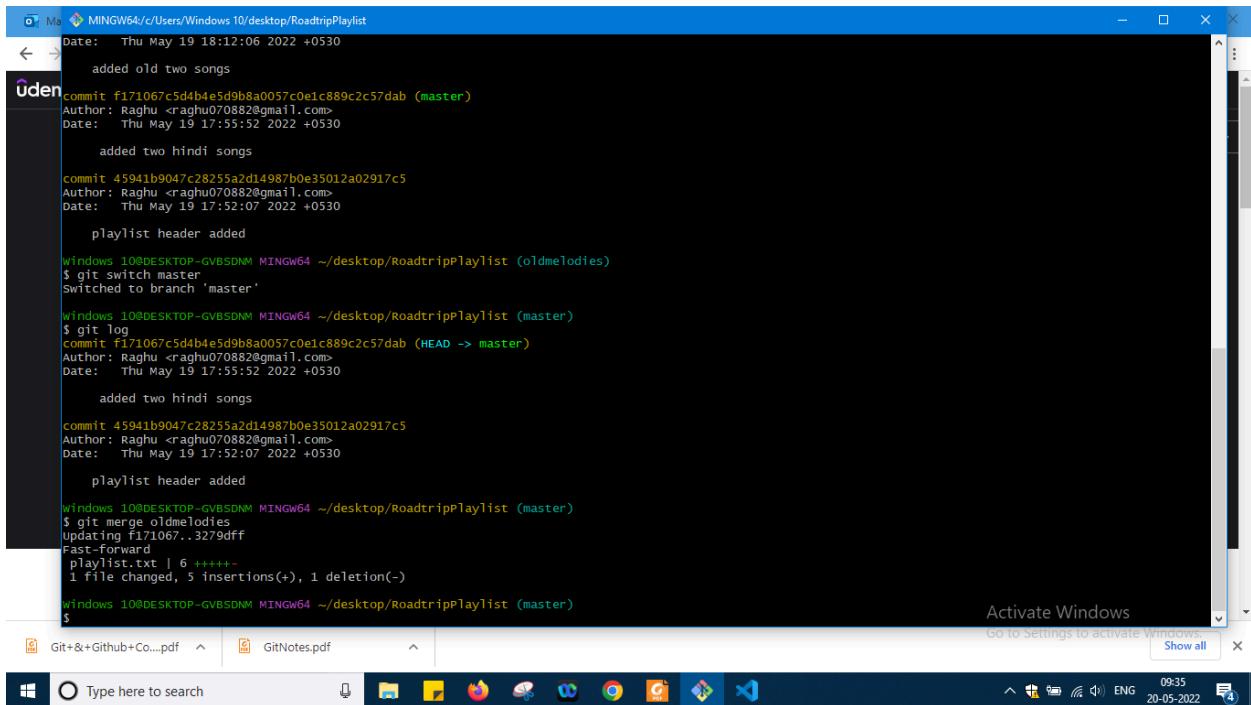


The screenshot shows the Visual Studio Code interface. The left sidebar has icons for Explorer, Search, Find, Open, and Settings. The main area shows an open editor for 'playlist.txt' with the following content:

```
song-artist
=====
baizgaar-kali kali ankhean
kNPH-ek pal ka jina
Mera sopno ki rani
dream girl
kannada song1
kananda song2
```

The status bar at the bottom shows the file path 'oldmelodies', line count 'Ln 9, Col 1', character count 'Spaces: 4', encoding 'UTF-8', and file type 'Plain Text'. It also displays the date and time '20-05-2022 09:32'.

And now the changes in melodies i want to add in master



The screenshot shows a terminal window with the following command history:

```
git commit -v
Date: Thu May 19 18:12:06 2022 +0530
added old two songs
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530
added two hindi songs
commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530
playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$ git switch master
Switched to branch 'master'
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git log
commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530
added two hindi songs
commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530
playlist header added
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git merge oldmelodies
Updating f171067..3279dff
Fast-forward
  playlist.txt | 6 +++++-
  1 file changed, 5 insertions(+), 1 deletion(-)
Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$
```

The status bar at the bottom shows the file path 'Git+&+Github+Co...pdf', line count 'Ln 6, Col 1', character count 'Spaces: 4', encoding 'UTF-8', and file type 'Plain Text'. It also displays the date and time '20-05-2022 09:35'.

Switching to master checking log again and firing the command and it clearly says that fast forward merge is done and now see the vs code editor

```
song-artist
=====
baizgaar-kali kali ankhean
kNPH-ek pal ka jina
Mera sopno ki rani
dream girl
kannada song1
kananda song2
```

And check git log now

```
added two hindi songs
commit 45941b9047c28255azd14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530

    playlist header added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git merge oldmelodies
Updating f171067..3279dff
Fast-forward
  playlist.txt | 6 ++++++
  1 file changed, 5 insertions(+), 1 deletion(-)

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git log
commit 3279dffcab8b4412243def0bf2f37a6e6ba678 (HEAD -> master, oldmelodies)
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:30:26 2022 +0530

    two kannad songs added

commit 5819c785e4d71095f7c388e134bf49fb0f7a46a
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 18:12:06 2022 +0530

    added old two songs

commit f171067c5dab4e5d9b8a0057c0e1c889c2c57dab
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530

    added two hindi songs

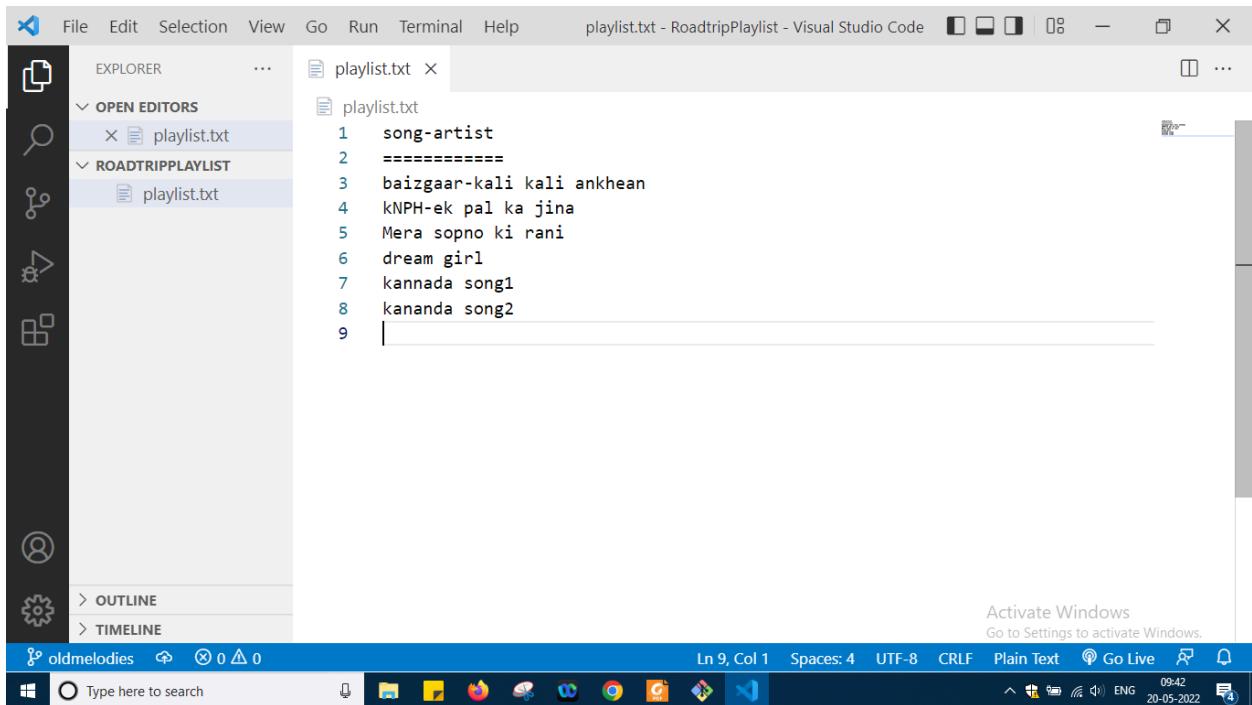
commit 45941b9047c28255azd14987b0e35012a02917c5
Author: Raghu <raghu070882@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530

    playlist header added
```

So there is a difference u can see okay

Now i will go to old melodies and see what is there over there is it empty or what

Just checking few things by my own



A screenshot of Visual Studio Code showing a file named "playlist.txt". The file contains the following lyrics:

```
song-artist
=====
baizgaar-kali kali ankhean
KNPH-ek pal ka jina
Mera sopno ki rani
dream girl
kannada song1
kananda song2
```

The code editor interface is visible, including the Explorer sidebar, the Open Editors list, and the bottom status bar which shows the file path "oldmelodies", line 9, column 1, and the date/time "20-05-2022 09:42".

And git log

A screenshot of a Windows desktop environment. In the center is a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/RoadtripPlaylist'. The window displays a git log output for the 'oldmelodies' branch. The log shows several commits from a user named 'Raghu' (raghu07088@gmail.com) dated May 19, 2022. The commits include adding Hindi songs, a playlist header, Kannad songs, and old songs. The final commit message is 'playlist header added'. Below the terminal window is the Windows taskbar, which includes icons for File Explorer, Task View, Start, Taskbar settings, and pinned applications like Git+&GitHub+Co...pdf and GitNotes.pdf. The system tray shows the date as 20-05-2022 and the time as 09:42. A status bar at the bottom of the screen also displays the date and time.

```
Author: Raghu <raghu07088@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu07088@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530

    playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (master)
$ git log
commit 3279dffcab8b4412243def0ba2ff37a6e6ba679 (HEAD -> oldmelodies, master)
Author: Raghu <raghu07088@gmail.com>
Date: Thu May 19 18:30:26 2022 +0530

    two kannad songs added

commit 5819c785e4d71095f7c388e134bf49fb8f7a46a
Author: Raghu <raghu07088@gmail.com>
Date: Thu May 19 18:12:06 2022 +0530

    added old two songs

commit f171067c5d4b4e5d9b8a0057c0e1c889c2c57dab
Author: Raghu <raghu07088@gmail.com>
Date: Thu May 19 17:55:52 2022 +0530

    added two hindi songs

commit 45941b9047c28255a2d14987b0e35012a02917c5
Author: Raghu <raghu07088@gmail.com>
Date: Thu May 19 17:52:07 2022 +0530

    playlist header added

Windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/RoadtripPlaylist (oldmelodies)
$
```

And git log also means old melodies are not deleted, they are there, cut has not done just merge has been done into master okay so this is all about fast forward merge .

Now what i will do is merge commit means before merging child to main again i will go to main and do some changes and then will fire merge command and in this situation what will happen we will see now so fresh application i am taking

The screenshot shows a Windows desktop environment with several open windows:

- Terminal Window:** A blue-tinted terminal window titled "MINGW64:/c/Users/Windows 10/Desktop/songs". It displays a series of Git commands being run:

```
windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ cd desktop
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ mkdir songs
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop
$ cd songs
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs
$ git init
initialized empty Git repository in c:/users/windows 10/desktop/songs/.git/
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ touch songlist.txt
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ code .
```
- File Explorer Window:** A Visual Studio Code instance titled "songlist.txt - songs - Visual Studio Code". It shows a single file named "songlist.txt" with the following content:

```
1 Hindi song1
2 Hindi song2
3
```
- Taskbar:** The taskbar at the bottom of the screen shows several pinned icons and the system tray.

And next

A screenshot of a Windows desktop environment. At the top, there is a taskbar with several open windows: 'Mail - Ponde, Raghavendra (Compose)', 'Dashboard', 'GitNotes - Google Docs', and 'The Git & Github Bootcamp | Udemy'. Below the taskbar is a browser window displaying a terminal session in a Google Doc. The terminal output shows a sequence of Git commands being run in a directory named 'songs' on a Windows machine (MINGW64). The commands include:

```
$ code .
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git status
On branch master
No commits yet
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    songlist.txt
nothing added to commit but untracked files present (use "git add" to track)
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git add songlist
fatal: pathspec 'songlist' did not match any files
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git add songlist.txt
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git commit -m "file added and songs added"
[master (root-commit) 5e4a56a] file added and songs added
  1 file changed, 2 insertions(+)
   create mode 100644 songlist.txt
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git status
On branch master
nothing to commit, working tree clean
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git log
bash: git: command not found
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git log
commit 5e4a56a8b0550c57f16ca6796e42e76a0823ab96 (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:17:03 2022 +0530

  file added and songs added
```

The terminal prompt at the bottom is 'Git+& \$ |'. On the right side of the screen, there is a vertical sidebar with icons for various applications like Mail, Photos, and File Explorer. A message from Microsoft encourages activating Windows.

A screenshot of a terminal window showing a git log and switching branches. The terminal output is as follows:

```
$ git log
commit 5e4a56a8b0550c57f16ca6796e42e76a0823ab96 (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:17:03 2022 +0530

  file added and songs added

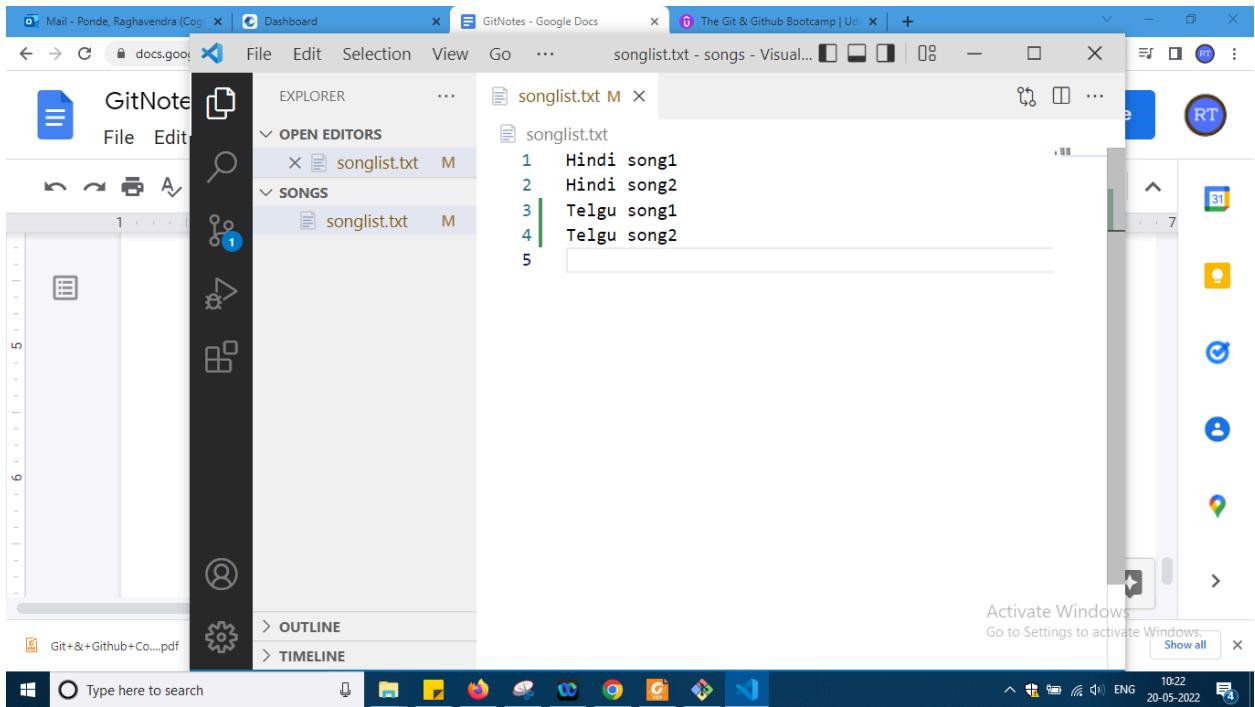
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git branch Telgu

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git switch Telgu
Switched to branch 'Telgu'

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (Telgu)
```

The terminal prompt at the bottom is 'Git+& \$ |'. The background of the terminal window has a watermark that says 'Rectangular Snip'.

Done changes



```
MINGW64/c/Users/Windows 10/Desktop/songs
$ git branch Telgu
* master
  Telgu
$ git switch Telgu
Switched to branch 'Telgu'
$ git status
On branch Telgu
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified:   songlist.txt

no changes added to commit (use "git add" and/or "git commit -a")
$ git add songlist.txt
$ git commit -m "two telgu songs added"
[Telgu 1ebd3cb] two telgu songs added
 1 file changed, 2 insertions(+)

$ git log
commit 1ebd3cb0ce549c15e3ebda178b34648baef3a705 (HEAD -> Telgu)
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:24:59 2022 +0530

  two telgu songs added

commit 5e4a56a8b0550c57f16ca6796e42e76a0823ab96 (master)
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:17:03 2022 +0530

  file added and songs added
```

Now if i do merge it is fast forward now again i will go to master and there again some modification

```
Date: Fri May 20 10:17:03 2022 +0530

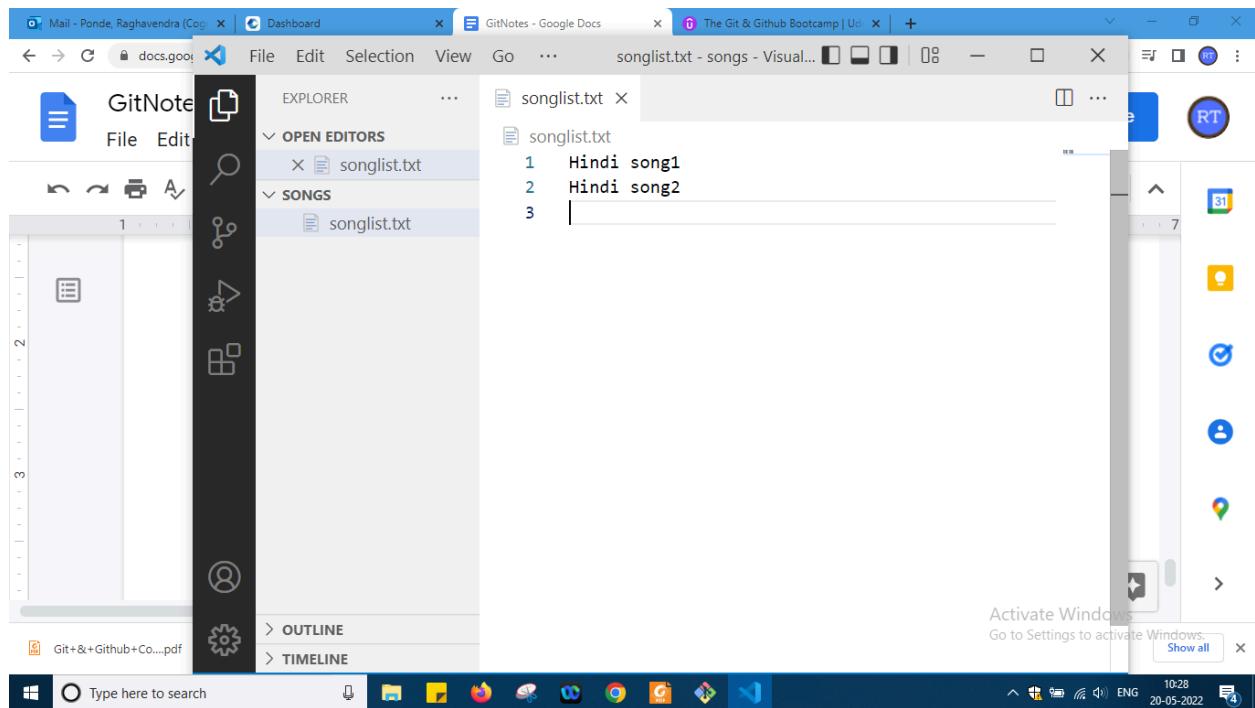
    file added and songs added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (Telgu)
$ git branch -v
* Telgu 1ebd3cb two telgu songs added
  master 5e4a56a file added and songs added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (Telgu)
$ git switch master
Switched to branch 'master'

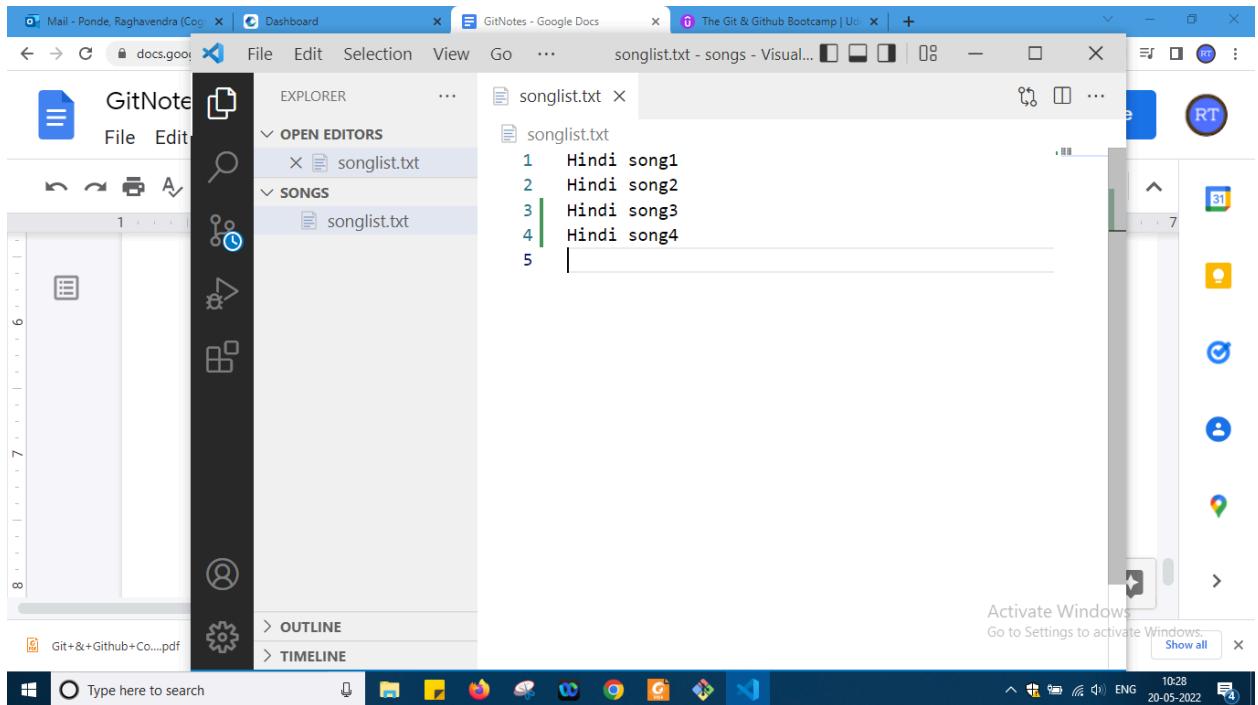
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
git& $ |
```

And right now



As it is master

Now add again two more hindi songs here



```
$ git switch master
switched to branch 'master'

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
    (use "git restore <file>..." to discard changes in working directory)
      modified:   songlist.txt

no changes added to commit (use "git add" and/or "git commit -a")

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git add songlist.txt

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git commit -m "two more hindi songs added"
[master f6e7312] two more hindi songs added
 1 file changed, 2 insertions(+)

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
```

So now master don't know commits of telugu and telugu don't know master commits and you can see it from log

A screenshot of a Windows 10 desktop. The taskbar at the bottom has icons for File Explorer, My Pictures, ReactLab.s..., Internet Explorer, Cube, bath20details, Vuze, asp.net_no..., Lingnotes, and songs. The system tray shows the date as 20-05-2022 and the time as 10:35. A terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/songs' is open, displaying the following command-line session:

```
MINGW64/c/Users/Windows 10/Desktop/songs
master 5e4a56a file added and songs added
windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (telgu)
$ git switch master
Switched to branch 'master'
windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git status
on branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   songlist.txt

no changes added to commit (use "git add" and/or "git commit -a")

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git add songlist.txt
windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git commit -m "two more hindi songs added"
[master f6e7312] two more hindi songs added
 1 file changed, 2 insertions(+)

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git log
commit f6e731266aa6a853a669a29ee3b9fa3dd42307d0 (HEAD -> master)
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:30:28 2022 +0530

  two more hindi songs added

commit 5e4a56a8b0550c57f16ca6796e42e76a0823ab96
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:17:03 2022 +0530

  file added and songs added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$
```

Now as i am in main branch only master branch from here i have to merge other branch telugu

A screenshot of a browser window with multiple tabs. The tabs include 'Mail - Ponde, Raghavendra (Compose)', 'Dashboard', 'GitNotes - Google Docs', and 'The Git & Github Bootcamp | Udemy'. The main content area shows a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/songs' with the same command-line session as the previous screenshot. The browser's address bar shows the URL 'udemy.com/course/git-and-github-bootcamp/learn/lecture/24636484#content'. The system tray at the bottom right shows the date as 20-05-2022 and the time as 10:48.

So it is showing me conflict here okay so what to do on this will check on later okay

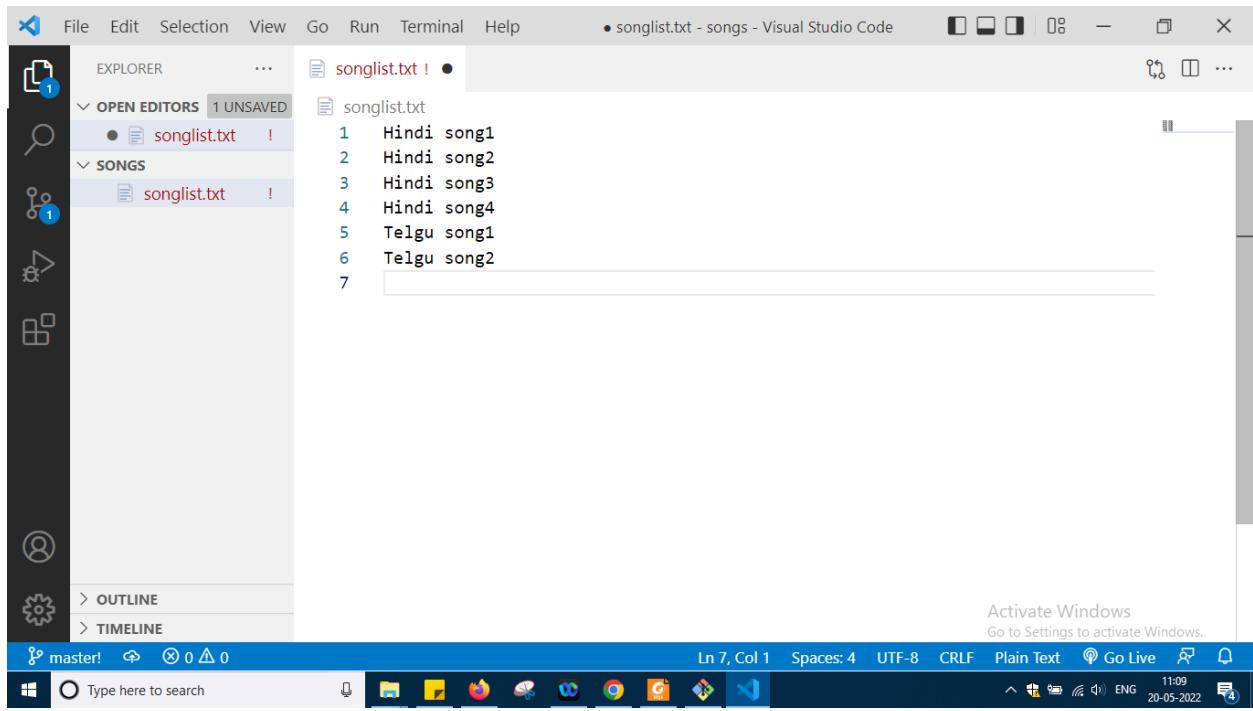
And in the editor it is showing me like this

```
songlist.txt ! ×
songlist.txt
1 Hindi song1
2 Hindi song2
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
3 <<<<< HEAD (Current Change)
4 Hindi song3
5 Hindi song4
6 =====
7 Telgu song1
8 Telgu song2
9 >>>>> Telgu (Incoming Change)
10
```

I am accepting both the changes

```
songlist.txt ! ×
songlist.txt
1 Hindi song1
2 Hindi song2
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
3 <<<<< HEAD (Current Change)
4 Hindi song3
5 Hindi song4
6 =====
7 Telgu song1
8 Telgu song2
9 >>>>> Telgu (Incoming Change)
10
```

And now



The screenshot shows the Visual Studio Code interface. The left sidebar has icons for Explorer, Search, Open Editors (1 unsaved), SONGS, and Outline/Timeline. The main editor window displays a file named 'songlist.txt' with the following content:

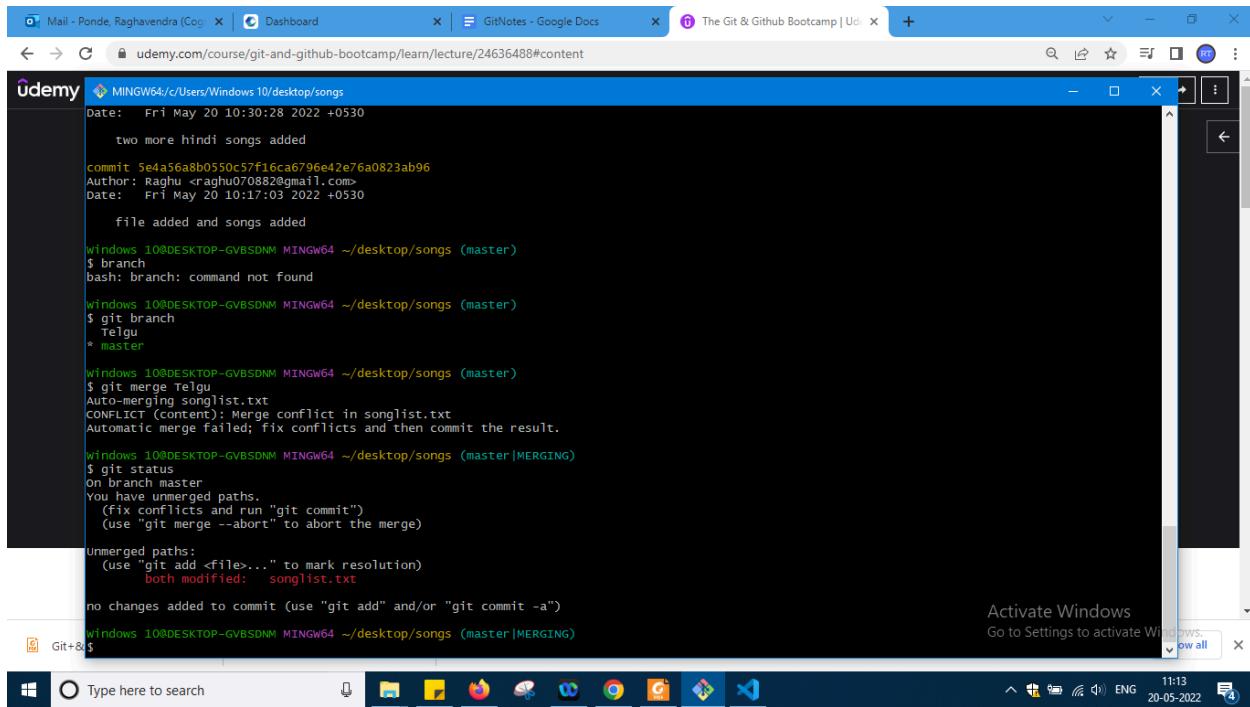
```
1 Hindi song1
2 Hindi song2
3 Hindi song3
4 Hindi song4
5 Telgu song1
6 Telgu song2
7
```

The status bar at the bottom shows 'master!', a search bar, and various system icons.

Like this i will get

So in this u can remove all header and manually modify the file as per your needs okay and save it and now it is like this

Next type git status



```
MINGW64:/c/Users/Windows 10/Desktop/songs
Date: Fri May 20 10:30:28 2022 +0530
two more hindi songs added

commit 5e4a56a8b0550c57f16ca6796e42e76a0823ab96
Author: Raghu <raghu070882@gmail.com>
Date: Fri May 20 10:17:03 2022 +0530

    file added and songs added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ branch
bash: branch: command not found

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git branch
* Telgu
  master

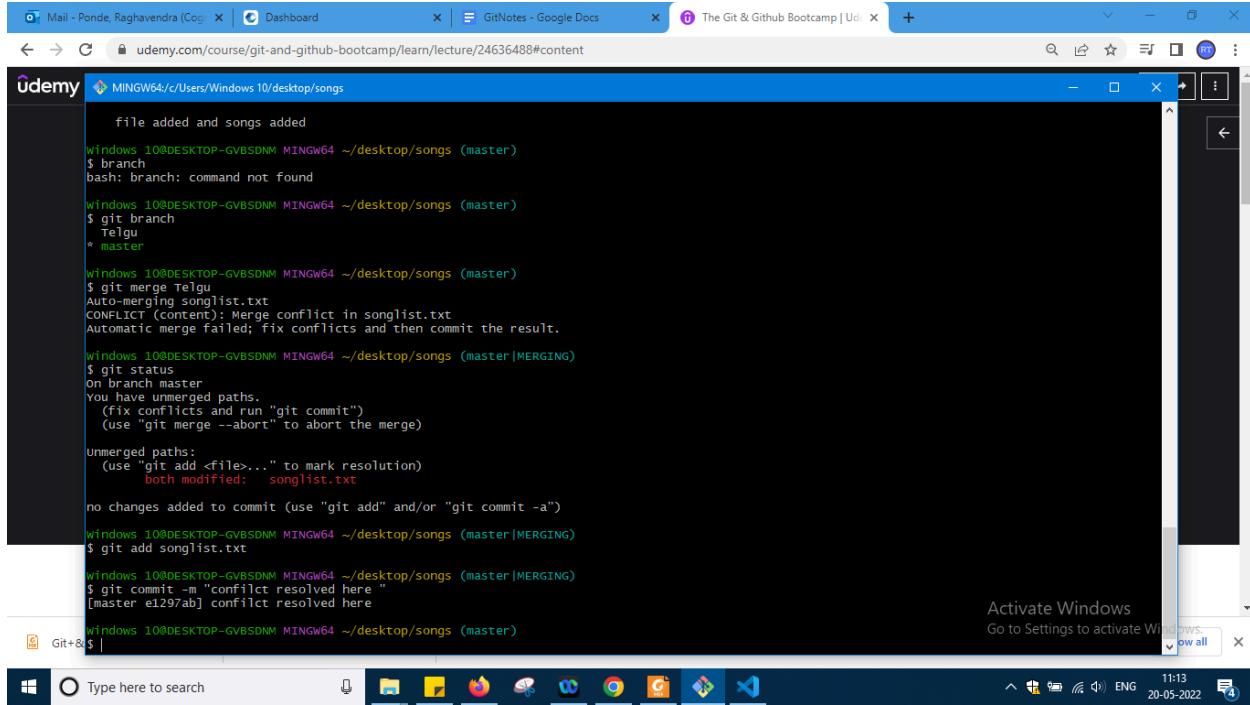
windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git merge Telgu
Auto-merging songlist.txt
CONFLICT (content): Merge conflict in songlist.txt
Automatic merge failed; fix conflicts and then commit the result.

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified: songlist.txt

no changes added to commit (use "git add" and/or "git commit -a")

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master|MERGING)
$ git add songlist.txt
$ git commit -m "conflict resolved here"
[master e1297ab] conflict resolved here
 1 file changed, 1 insertion(+), 1 deletion(-)
```



```
MINGW64:/c/Users/Windows 10/Desktop/songs
file added and songs added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ branch
bash: branch: command not found

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git branch
* Telgu
  master

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master)
$ git merge Telgu
Auto-merging songlist.txt
CONFLICT (content): Merge conflict in songlist.txt
Automatic merge failed; fix conflicts and then commit the result.

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified: songlist.txt

no changes added to commit (use "git add" and/or "git commit -a")

windows 10@DESKTOP-GVBSDNM MINGW64 ~/Desktop/songs (master|MERGING)
$ git add songlist.txt
$ git commit -m "conflict resolved here"
[master e1297ab] conflict resolved here
 1 file changed, 1 insertion(+), 1 deletion(-)
```

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with several open windows: 'Mail - Ponde, Raghavendra (Compose)', 'Dashboard', 'GitNotes - Google Docs', and 'The Git & Github Bootcamp | Udemy'. Below the taskbar is a terminal window titled 'MINGW64/c/Users/Windows 10/Desktop/songs'. The terminal output shows a series of git commits:

```
both modified: songlist.txt
no changes added to commit (use "git add" and/or "git commit -a")
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master|MERGING)
$ git add songlist.txt
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master|MERGING)
$ git commit -m "conflict resolved here"
[master e1297ab] conflict resolved here
windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
$ git log
commit e1297ab5edde310cd43df0f00628ea0f03f9c98 (HEAD -> master)
Merge: f0e7312 1ebd3cb
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 11:13:56 2022 +0530

    conflict resolved here

commit f0e731266aa6a853a669a29ee3b9fa3dd42307d0
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:30:28 2022 +0530

    two more hindi songs added

commit 1ebd3cb0ce549c15e3ebda178b34648baF3a705 (telugu)
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:24:59 2022 +0530

    two telugu songs added

commit 5e4456ab0550c57f16ca6796e42e76a0823ab96
Author: Raghu <raghu070882@gmail.com>
Date:   Fri May 20 10:17:03 2022 +0530

    file added and songs added

windows 10@DESKTOP-GVBSDNM MINGW64 ~/desktop/songs (master)
```

On the right side of the terminal window, there is a vertical sidebar with icons for GitHub, Bitbucket, and other services. A message at the bottom right says 'Activate Windows' and 'Go to Settings to activate Windows...'. The system tray at the bottom shows the date and time as '20-05-2022 11:15'.

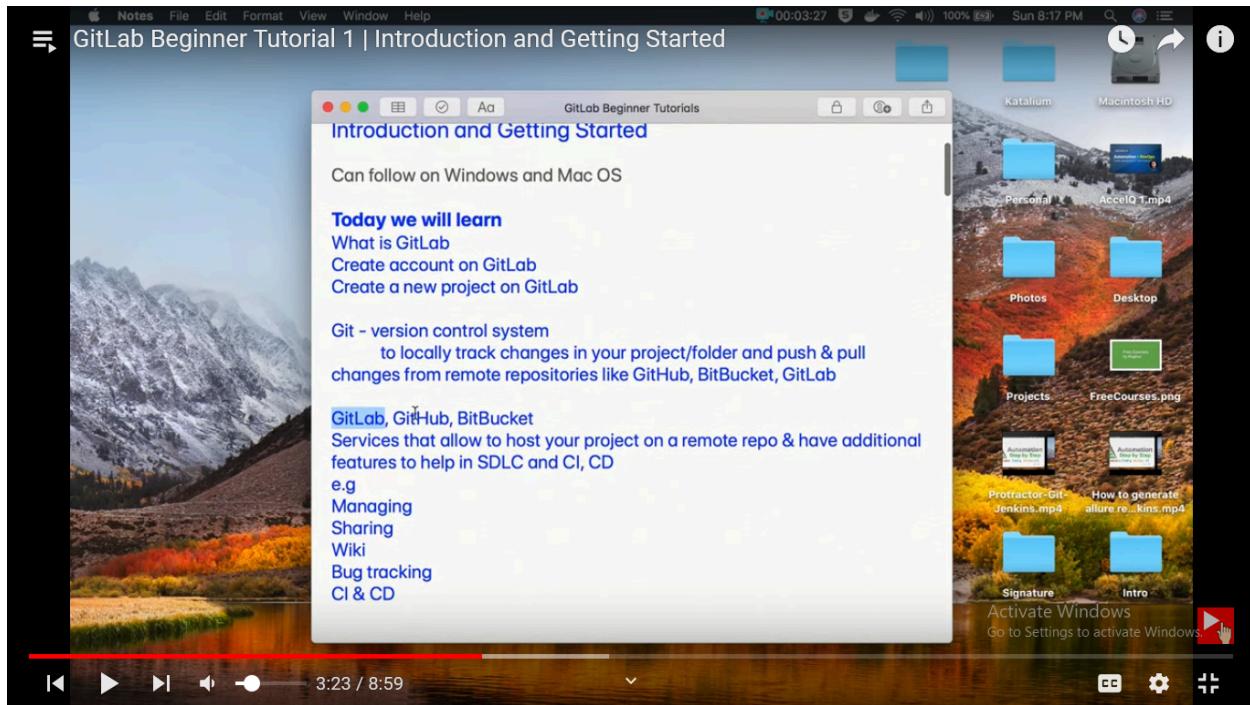
<https://www.notion.so/Git-Merging-Exercise-0236a17f04c847159a38f5efa978ce2c>

So above some merging exercise he has given u can check the video for that

So upto this enough to get basic idea of git and now i will move to git lab section

GitLab Notes :



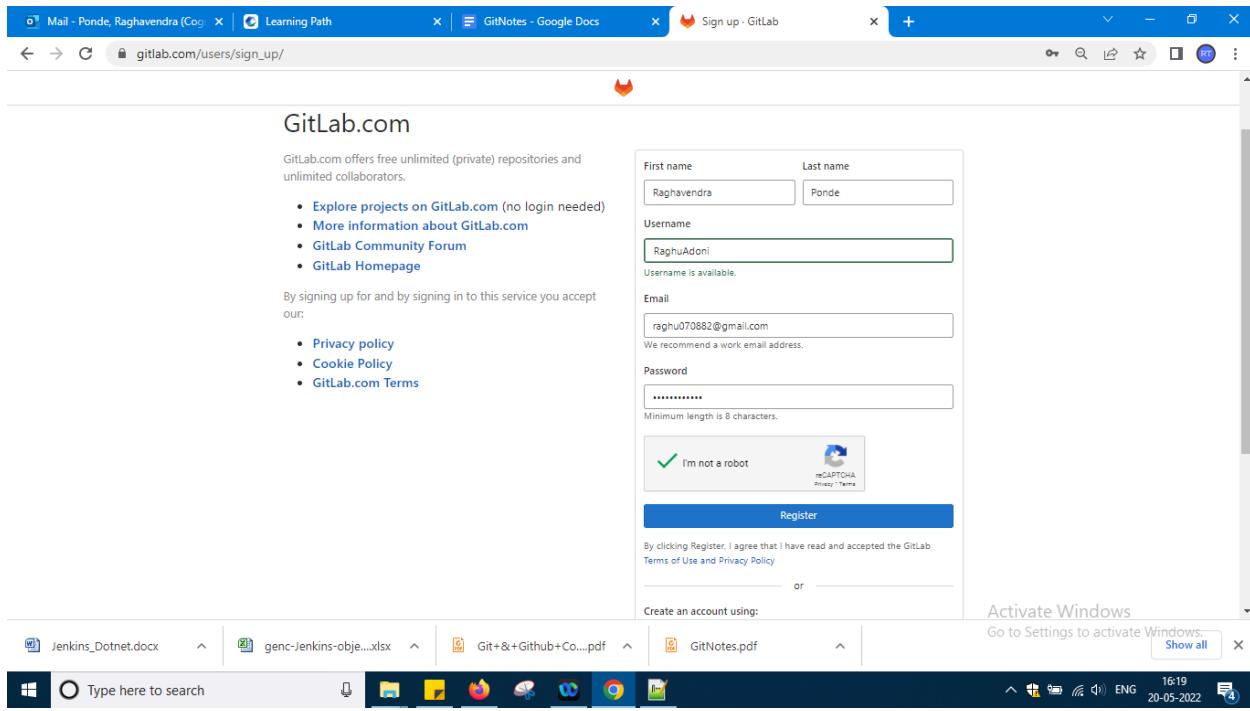


Now first create an account here

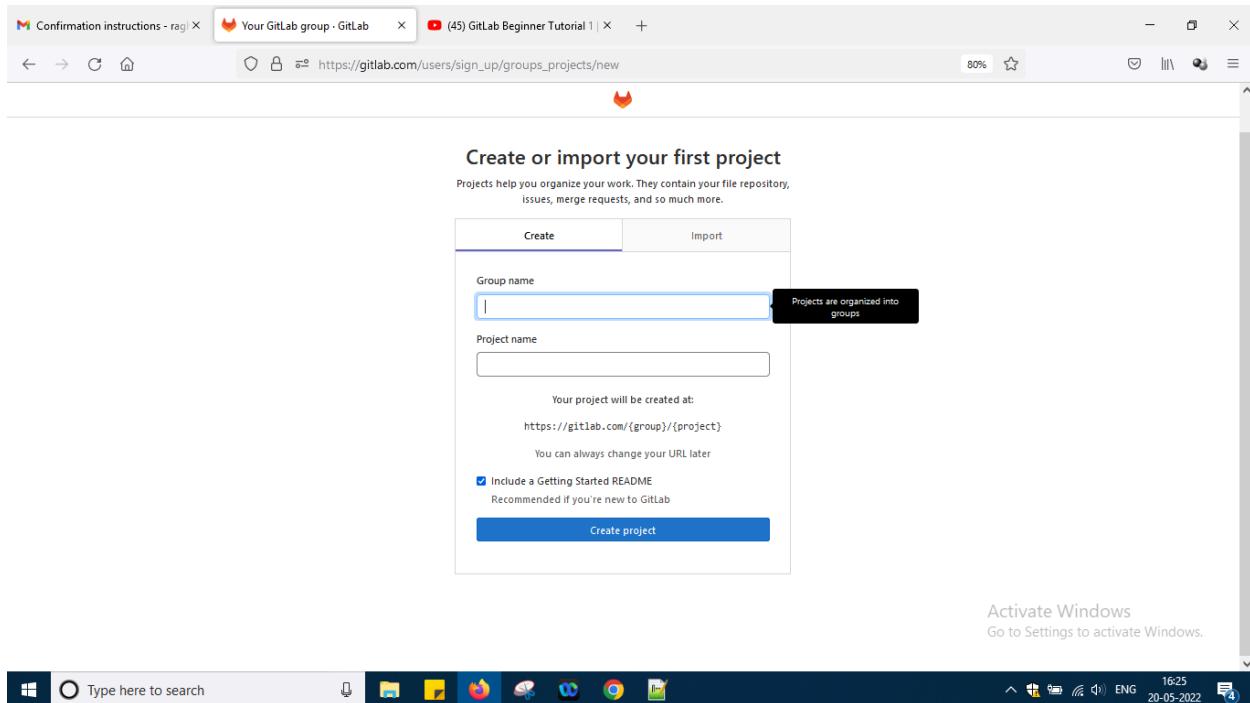
Go to gitlab.com

After typing in google

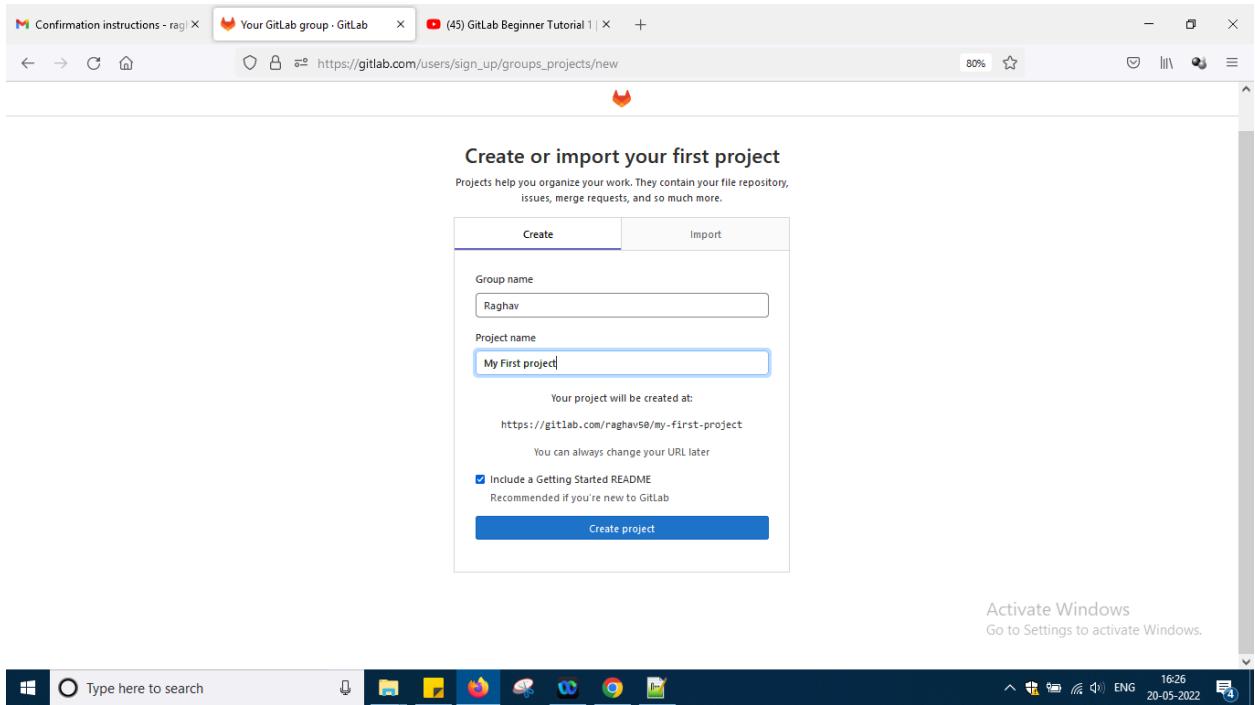
<https://about.gitlab.com/>



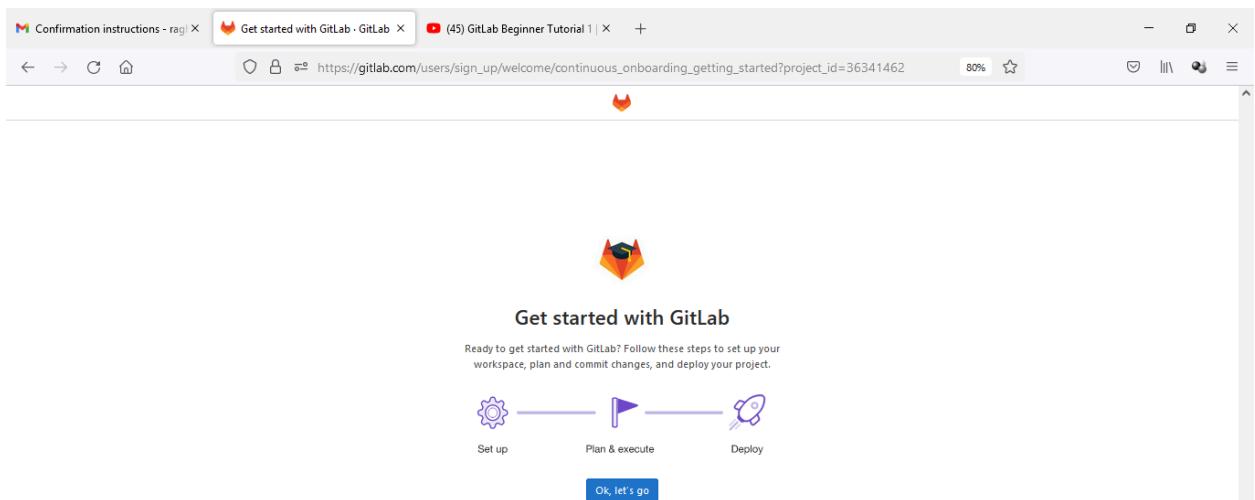
Password is **RaghuGit#123**



Ask for project so



Activate Windows
Go to Settings to activate Windows.



Activate Windows
Go to Settings to activate Windows.



The screenshot shows a Microsoft Edge browser window with the following details:

- Title Bar:** Confirmation instructions - ragi | Learn GitLab - Raghav / My First | (45) GitLab Beginner Tutorial 1 | +
- Address Bar:** https://gitlab.com/raghav50/my-first-project/-/learn_gitlab
- Page Content:**
 - Learn GitLab** (Section): Ready to get started with GitLab? Follow these steps to set up your workspace, plan and commit changes, and deploy your project.
 - Progress Bar:** 11% completed
 - Set up your workspace** (Icon: Sun): Complete these tasks first so you can enjoy GitLab's features to their fullest.
 - Invite your colleagues
 - Create or import a repository
 - Set up CI/CD
 - Start a free Ultimate trial
 - Trial only Add code owners
 - Trial only Add merge request approval
 - Plan and execute** (Icon: Flag): Create a workflow for your new workspace, and learn how GitLab features work together.
 - Create an issue
 - Submit a merge request
 - Deploy** (Icon: Gear): Use your new GitLab workflow to deploy your application, monitor its health, and keep it secure:
 - Run a Security scan using CI/CD
- Sidebar (Left):** My First project, Project information, Learn GitLab (11%), Repository, Issues (0), Merge requests (0), CI/CD, Security & Compliance, Deployments, Packages & Registries, Infrastructure, Monitor, Analytics, Wiki, Snippets, Settings.
- Bottom Bar:** Activate Windows, Go to Settings to activate Windows. Type here to search, Taskbar icons (File Explorer, Task View, Start, Task Manager, Edge, Firefox, Brain, Word, Chrome, File Explorer), Date and Time (16:29, 20-05-2022).

Here some notes have been provided by them if u want go through otherwise this notes is fine okay

Go back little

The screenshot shows a Microsoft Edge browser window with three tabs open:

- Confirmation instructions - ragi
- Raghav / My First project · GitLab
- (45) GitLab Beginner Tutorial 1 |

The main content area displays the "My First project" page on GitLab. A sidebar on the left lists various project management sections like Project information, Learn GitLab, Repository, Issues, Merge requests, CI/CD, Security & Compliance, Deployments, Packages & Registries, Infrastructure, Monitor, Analytics, Wiki, Snippets, and Settings. A message at the top right says, "You can't push or pull repositories using SSH until you add an SSH key to your profile." Buttons for "Add SSH key" and "Don't show again" are present.

The project summary shows "My First project" (Project ID: 36341462), 1 Commit, 1 Branch, 0 Tags, and 0 Bytes Project Storage. A callout box highlights the "Auto DevOps" feature, stating it will automatically build, test, and deploy the application based on a predefined CI/CD configuration. A link to "Auto DevOps documentation" is provided. Below the summary, there's a file browser showing "main" and "my-first-project /". A "Clone" button is available, with a note: "Go to Settings to activate Windows." A "Type here to search" bar is at the bottom, along with a taskbar showing various pinned icons.

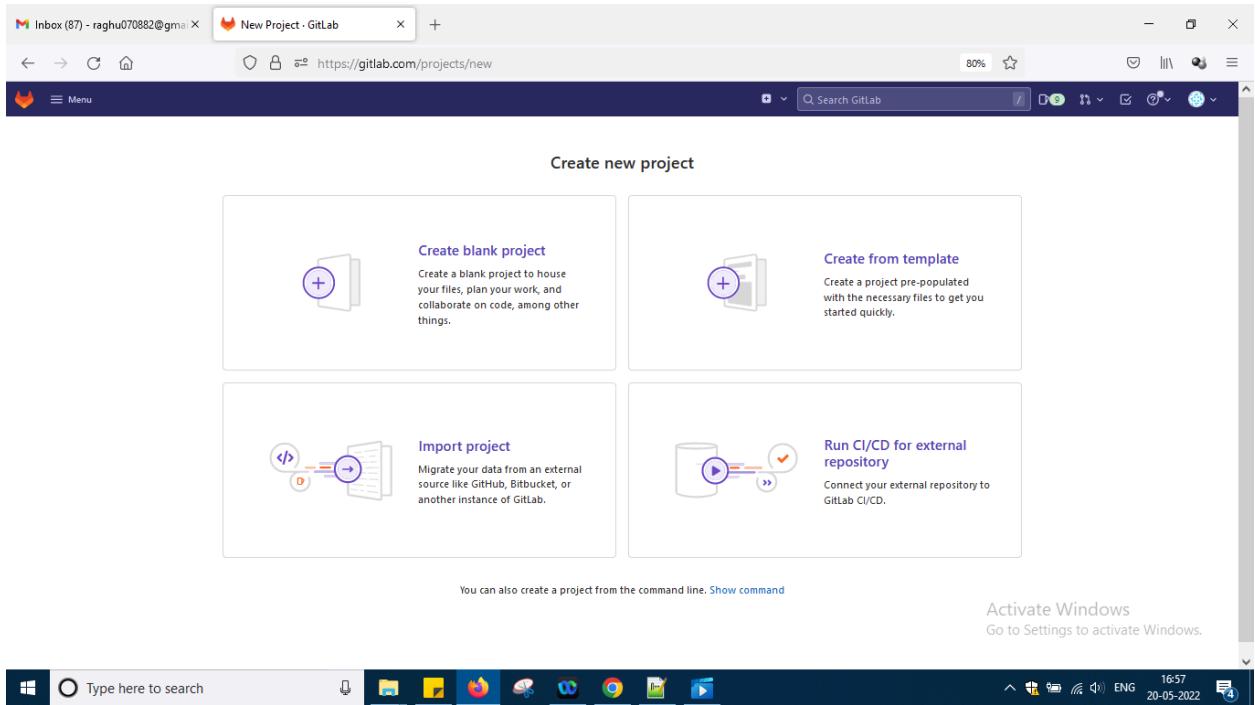
Now as per the video his name is markdown something my name is myfirstproject u can say so now move forward as per the video

Now again i am creating a new project as per his way in another way while regisierign i have done but again i want to do it okay

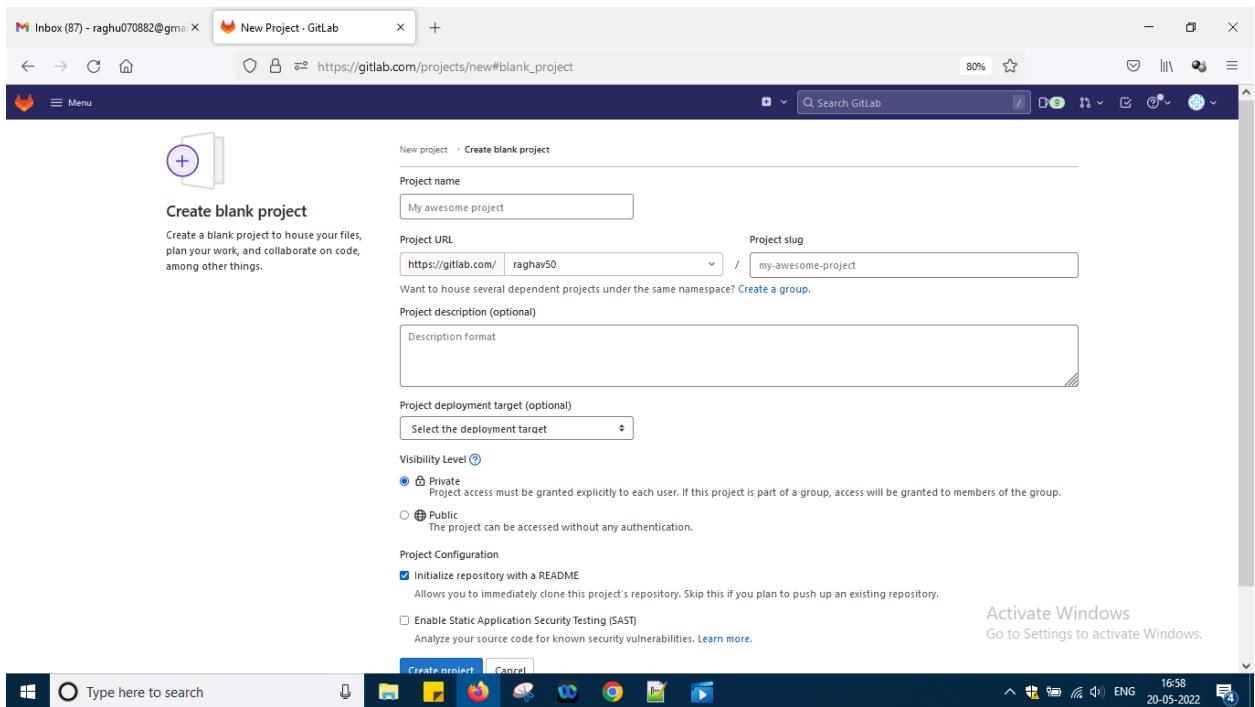
The screenshot shows a Microsoft Edge browser window with three tabs open:

- Inbox (87) - raghu070882@gmail.com
- Learn GitLab - Raghav / My First
- (45) GitLab Beginner Tutorial 1 |

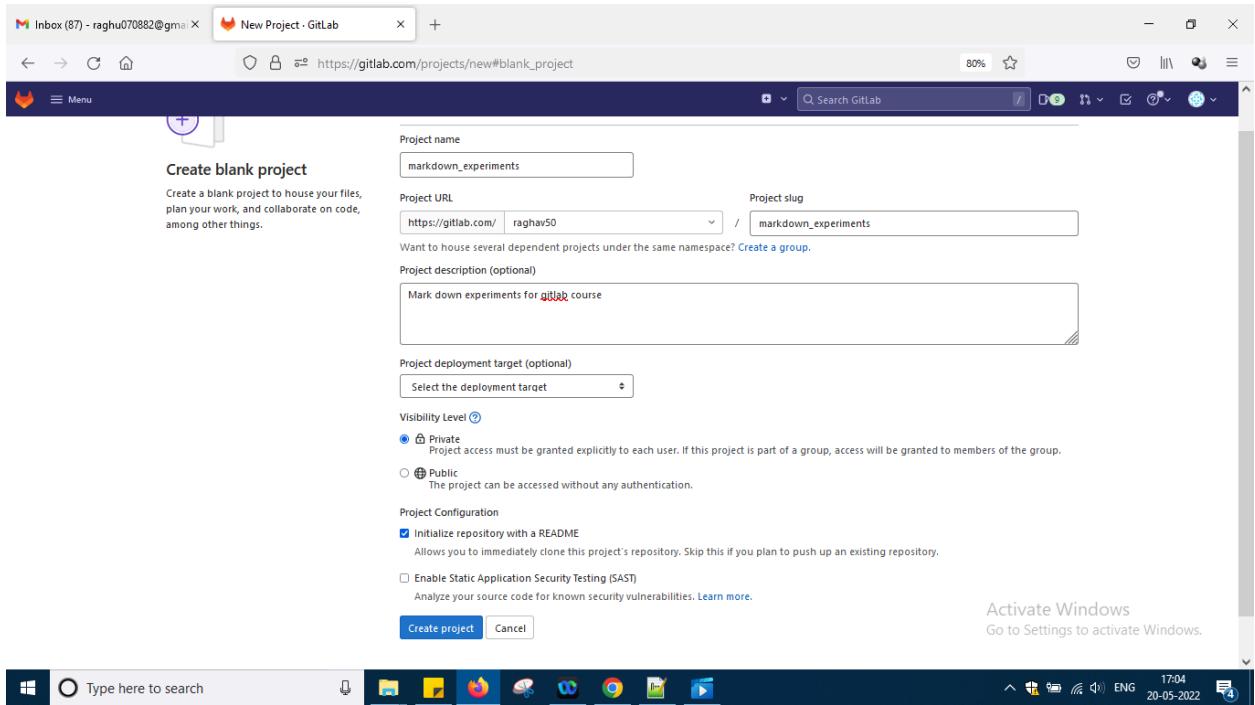
The main content area displays the GitLab homepage. The sidebar on the left includes "Projects" (selected), "Groups", "Milestones", "Snippets", "Activity", "Environments", "Operations", "Security", and "Pending deletion". A "Create new project" button is visible. The main content area features sections for "Your projects", "Plan and execute", "Deploy", and "Explore topics". A note at the bottom right says, "Activate Windows Go to Settings to activate Windows." A "Type here to search" bar is at the bottom, along with a taskbar showing various pinned icons.



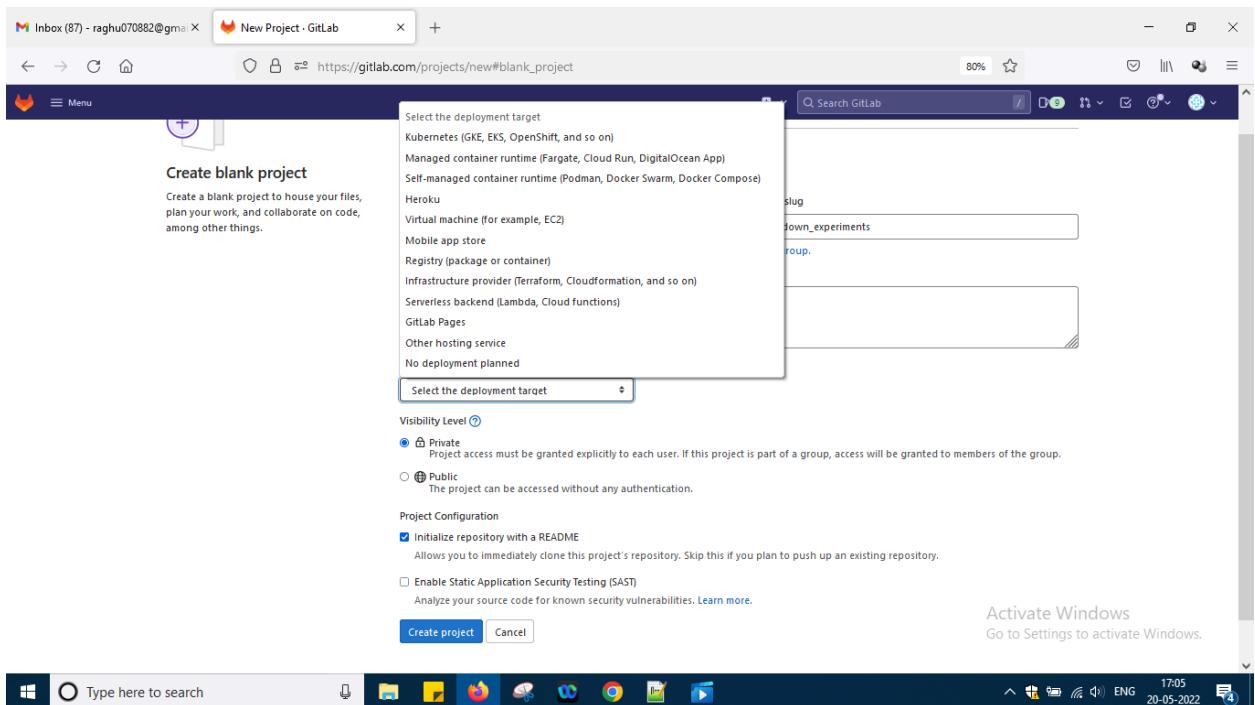
Going with the option blank project



Fill the details and click create project

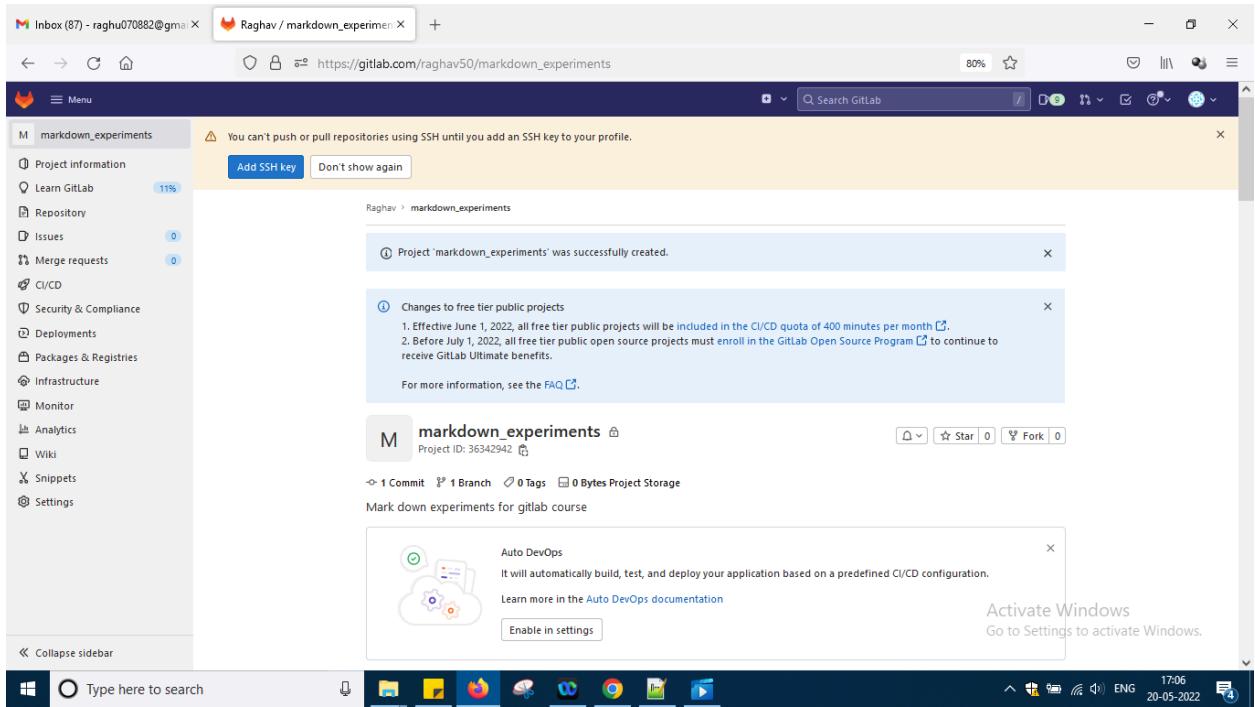


And in this we have option where to deploy also target



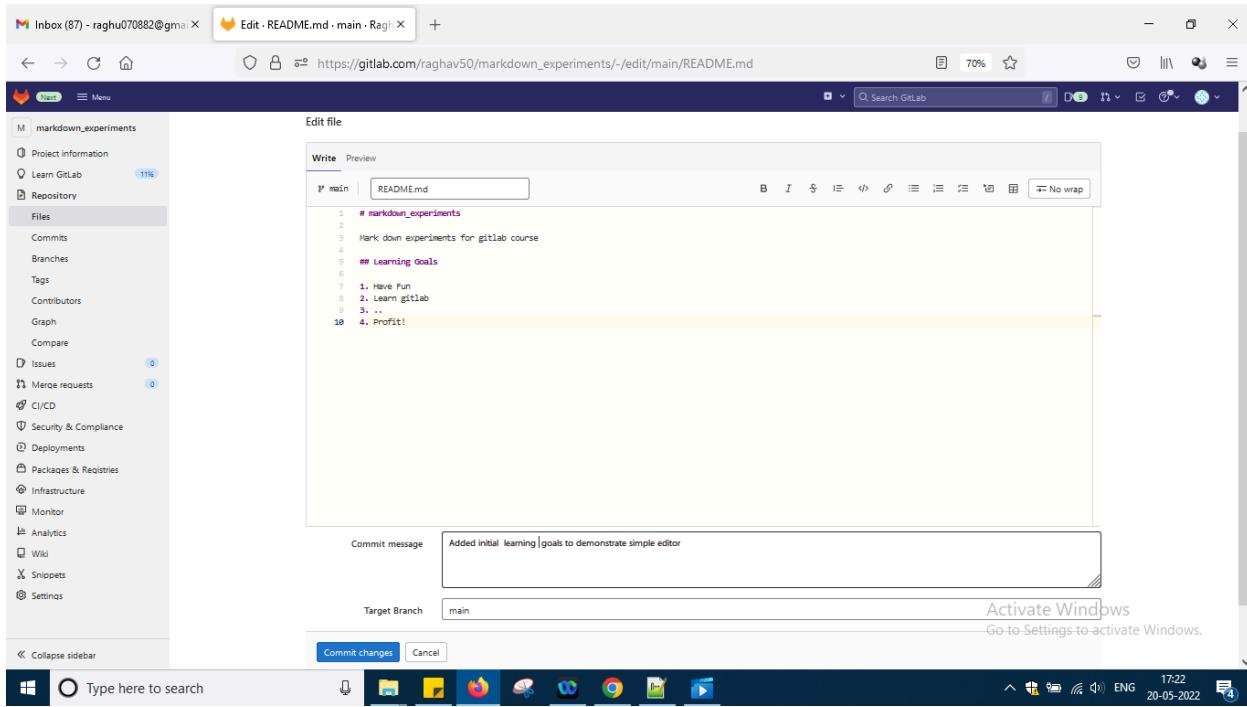
But not required just say create project

So now here another project is created like this

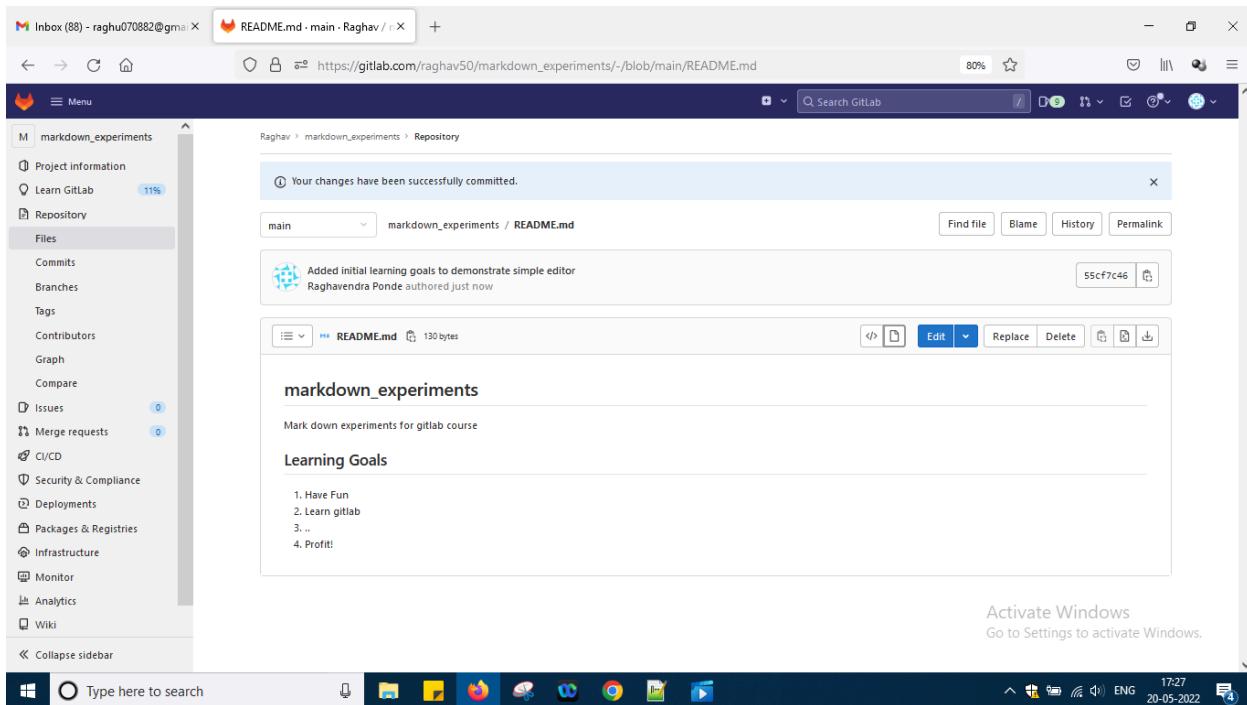


Now go to readme file and edit it and write the following stuff into it like this u can check the video for how to edit so git what i have learned same thing in gitlab i am doing the basics okay

Somewhere options will be there in gitlab as new version i am using it and video is little bit old only not too old okay u just check all possibilities menu options it will be there



So some coding as per markdown written and then added commit and i am in main branch and say commit changes



A screenshot of a web browser displaying a GitLab repository page. The URL is https://gitlab.com/raghav50/markdown_experiments/-/blob/main/README.md. The page shows a commit message: "Added initial learning goals to demonstrate simple editor" by "Raghavendra Ponde authored just now". A red arrow points from the text "my MCU up" to the commit message. Another red arrow points from the word "head" to the commit hash "55cf7c46". The GitLab sidebar on the left is visible, showing project information, repository files, and other project metrics like 11% completion.

To know more detail click blame button over there

A screenshot of a web browser displaying the blame history for the README.md file. The URL is https://gitlab.com/raghav50/markdown_experiments/-/blame/main/README.md. The page lists several commits, each with a timestamp and author. The commits are:

- Initial commit by Raghavendra Ponde committed 25 minutes ago. Lines 1-4 show the header "# markdown_experiments" and "Mark down experiments for gitlab course".
- Added initial learning goals to demonstrate s... by Raghavendra Ponde committed 7 minutes ago. Lines 5-6 show the section "## Learning Goals".
- Initial commit by Raghavendra Ponde committed 25 minutes ago. Lines 6-7 show the first item of the learning goals: "1. Have Fun".
- Added initial learning goals to demonstrate s... by Raghavendra Ponde committed 7 minutes ago. Lines 7-10 show the remaining items of the learning goals: "2. Learn gitlab", "3. .", and "4. Profit!".

The GitLab sidebar on the left is visible, showing project information, repository files, and other project metrics like 11% completion.

So in more detail we can check what is related to what okay

Now let us create one branch now ...

Go to repositories and branches okay

Inbox (88) - raghu070882@gmail.com X Branches · Raghav / markdown_experiments X +

https://gitlab.com/raghav50/markdown_experiments/-/branches

Raghav > markdown_experiments > Repository > Branches

Overview Active Stale All

Active branches

main default protected

55cf7c46 · Added initial learning goals to demonstrate simple editor · 10 minutes ago

Type here to search

Activate Windows
Go to Settings to activate Windows.

17:34 20-05-2022

Click that 8 character code

Inbox (88) - raghu070882@gmail.com X Branches · Raghav / markdown_experiments X +

https://gitlab.com/raghav50/markdown_experiments/-/branches

Raghav > markdown_experiments > Repository > Branches

Overview Active Stale All

Active branches

main default protected

55cf7c46 · Added initial learning goals to demonstrate simple editor · 10 minutes ago

Open Link in New Tab
Open Link in New Window
Open Link in New Private Window
Bookmark Link
Save Link As...
Save Link to Pocket
Copy Link
Search Google for "55cf7c46"
Inspect Accessibility Properties
Inspect (Q)
Video DownloadHelper >

Type here to search

Activate Windows
Go to Settings to activate Windows.

17:35 20-05-2022

In the new tab after link gets open okay

Inbox (88) - raghu07082@gmail.com X Branches - Raghav / markdown X Added initial learning goals to README.md X

Changes 1

Showing 1 changed file with 5 additions and 87 deletions

Hide whitespace changes | Inline | Side-by-side

README.md

+5 -87 View file @55cf7c46c256a05e42511ef0f764a9938dbc17a0

...	...	@@ -2,91 +2,9 @@
2	2	
3	3	Mark down experiments for gitlab course
4	4	
5	5	## Getting started
6	6	+ ## Learning Goals
7	7	- To make it easy for you to get started with GitLab, here's a list of recommended next steps.
8	8	-
9	9	- Already a pro? Just edit this README.md and make it your own. Want to make it easy? [Use the template at the bottom] (#editing-this-readme)!
10	10	-
11	11	-
12	12	- ## Add your files
13	13	- - [] [Create](https://docs.gitlab.com/ee/user/project/repository/web_editor.html#create-a-file) or [upload](https://docs.gitlab.com/ee/user/project/repository/web_editor.html#upload-a-file) files
14	14	- - [] [Add files using the command line](https://docs.gitlab.com/ee/gitlab-basics/add-file.html#add-a-file-using-the-command-line) or push an existing Git repository with the following command:
15	15	-
16	16	-
17	17	- cd existing_repo
18	18	- git remote add origin https://gitlab.com/raghav50/markdown_experiments.git

Type here to search

Activate Windows
Go to Settings to activate Windows.

17:36 20-05-2022

And path is like this

https://gitlab.com/raghav50/markdown_experiments/-/commit/55cf7c46c256a05e42511ef0f764a9938dbc17a0

So these are the ids for your commit for every small commit also it will create the commit/hash code as above

Go back to main branch

A screenshot of a GitLab commit page. The URL is https://gitlab.com/raghav50/markdown_experiments/-/commit/55cf7c46c256a05e42511ef0f764a9938dbc17a0. The commit message is "Added initial learning goals to demonstrate simple editor". A red arrow points to the commit message. The commit was authored 12 minutes ago by Raghavendra Ponde. The commit has one parent, 00b35a43, and no related merge requests. The changes section shows 1 changed file with 5 additions and 87 deletions. The file is README.md, which contains the following code:

```
@@ -2,91 +2,9 @@  
2 2  
3 3  
4 4  
5 -## Getting started  
5 +## Learning Goals
```

And then same repository and branches and now try to create a new branch

Click button new branch and name is changes

A screenshot of a GitLab 'New Branch' creation dialog. The URL is https://gitlab.com/raghav50/markdown_experiments/-/branches/new. The dialog shows a 'Branch name' field with 'changes' typed in, a 'Create from' dropdown set to 'main', and a 'Create branch' button. The sidebar on the left shows the repository structure: markdown_experiments > New Branch.

Say create branch

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X Files · changes · Raghav / markdown X +

80% Search GitLab

Raghav > markdown_experiments > Repository

You pushed to **changes** just now

Create merge request

changes / markdown_experiments / + History Find file Web IDE Clone

Added initial learning goals to demonstrate simple editor
Raghavendra Ponde authored 20 minutes ago
55cf7c46

Name	Last commit	Last update
README.md	Added initial learning goals to demonst...	20 minutes ago

README.md

markdown_experiments

Mark down experiments for gitlab course

Learning Goals

1. Have Fun
2. Learn gitlab
3. ...
4. Profit!

Activate Windows
Go to Settings to activate Windows.

Type here to search

17:43 20-05-2022

Now go back to branches view nav left section and

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X +

80% Search GitLab

Raghav > markdown_experiments > Repository > Branches

Overview Active Stale All

Active branches

P changes
-> 55cf7c46 · Added initial learning goals to demonstrate simple editor · 21 minutes ago

P main
-> 55cf7c46 · Added initial learning goals to demonstrate simple editor · 21 minutes ago

Merge request Compare

Filter by branch name Delete merged branches New branch

Activate Windows
Go to Settings to activate Windows.

Type here to search

17:45 20-05-2022

As u can see both are having same 8 char id as still in branch i have not done or added and or commit just empty brach created after doing that id will change

Now go to markdown experiments and again click readme.md file and now change branch to changes okay

In the screenshot, a red arrow points to the 'main' dropdown menu in the top navigation bar, indicating the current branch. The main content area shows the README.md file with its initial content: "Added initial learning goals to demonstrate simple editor" and "Raghavendra Ponde authored 27 minutes ago". Below the file content, there are several buttons for managing the file: Find file, Web IDE, Clone, etc.

Now u are in main branch

In this screenshot, a red arrow points to the 'main' dropdown menu in the top navigation bar, confirming the user is now in the main branch. The main content area shows the README.md file with its initial content: "Added initial learning goals to demonstrate simple editor" and "Raghavendra Ponde authored 30 minutes ago". Below the file content, there are several buttons for managing the file: Find file, Blame, History, Permalink, Edit, Replace, Delete, etc.

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X README.md - main · Raghav / r X +

https://gitlab.com/raghav50/markdown_experiments/-/blob/main/README.md

80% ⭐

Search GitLab

Menu

M markdown_experiments

Project information

Learn GitLab 11%

Repository

Issues 0

Merge requests 0

CI/CD

Security & Compliance

Deployments

Packages & Registries

Infrastructure

Monitor

Analytics

Wiki

Snippets

Settings

Create merge request

Auto DevOps

It will automatically build, test, and deploy your application based on a predefined CI/CD configuration.

Learn more in the Auto DevOps documentation

Enable in settings

main markdown_experiments / README.md

Find file Blame History Permalink

Switch branch/tag

55cf7c46

Branches

changes

main

markdown_experiments

Mark down experiments for gitlab course

Learning Goals

1. Have Fun
2. Learn gitlab
3. ..
4. Profit!

Activate Windows
Go to Settings to activate Windows.

https://gitlab.com/raghav50/markdown_experiments/-/refs/switch?destination=tree&ref=changes

Type here to search

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X README.md - changes · Raghav X +

https://gitlab.com/raghav50/markdown_experiments/-/blob/changes/README.md

80% ⭐

Search GitLab

Menu

M markdown_experiments

Project information

Learn GitLab 11%

Repository

Files

Commits

Branches

Tags

Contributors

Graph

Compare

Issues 0

Merge requests 0

CI/CD

Security & Compliance

Deployments

Packages & Registries

Infrastructure

Monitor

Analytics

Wiki

Collapse sidebar

You pushed to changes 13 minutes ago

Create merge request

changes markdown_experiments / README.md

Find file Blame History Permalink

55cf7c46

Added initial learning goals to demonstrate simple editor
Raghavendra Ponde authored 32 minutes ago

README.md 190 bytes

Edit Replace Delete

markdown_experiments

Mark down experiments for gitlab course

Learning Goals

1. Have Fun
2. Learn gitlab
3. ..
4. Profit!

Activate Windows
Go to Settings to activate Windows.

Type here to search

So now i am in changes okay

Now select to open in web ide

The screenshot shows a web browser window with multiple tabs open. The active tab is 'README.md · changes · Raghav' on the GitLab website. The URL is https://gitlab.com/raghav50/markdown_experiments/-/blob/changes/README.md. The page displays a message: 'You pushed to changes 13 minutes ago' and a 'Create merge request' button. Below this, there's a commit message: 'Added initial learning goals to demonstrate simple editor' by 'Raghavendra Ponde' 32 minutes ago. The commit hash is 55cf7c46. The main content of the README.md file is:

```
markdown_experiments
Mark down experiments for gitlab course

Learning Goals
1. Have Fun
2. Learn gitlab
3. ...
4. Profit!
```

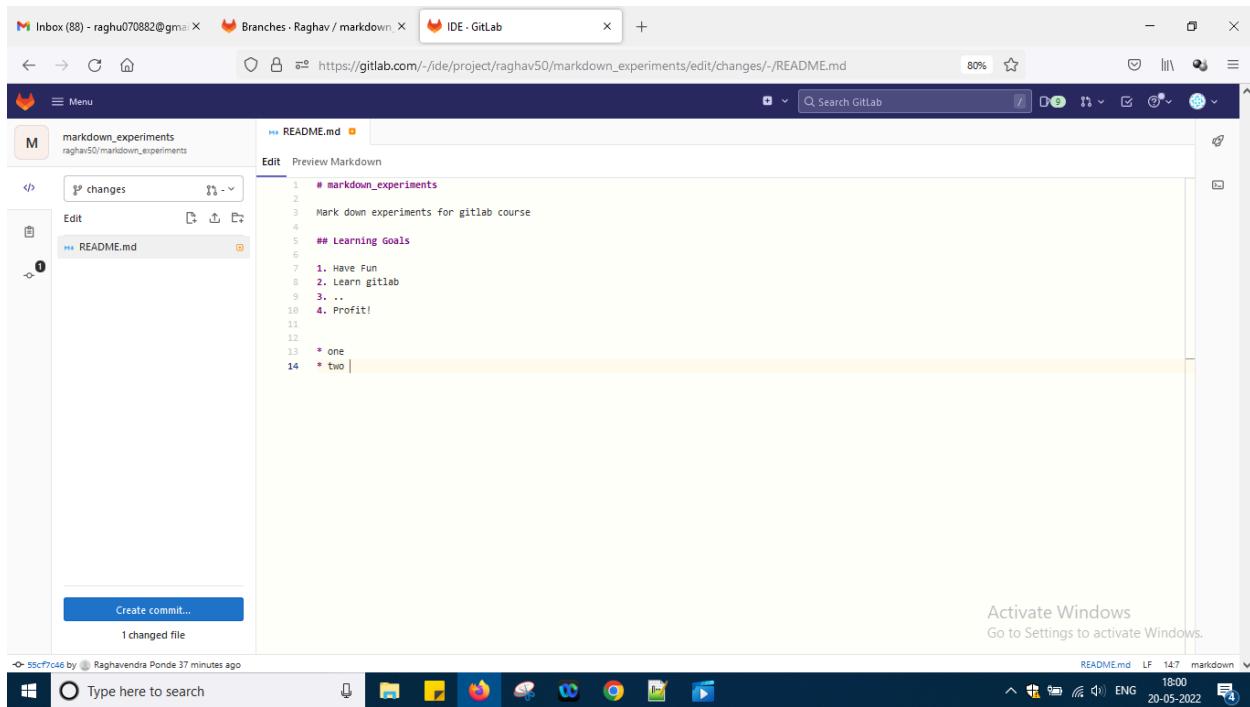
A context menu is open over the 'Learning Goals' section, with options like 'Open in Web IDE', 'Edit this file only.', and 'Open in Gitpod'.

Again say open in web

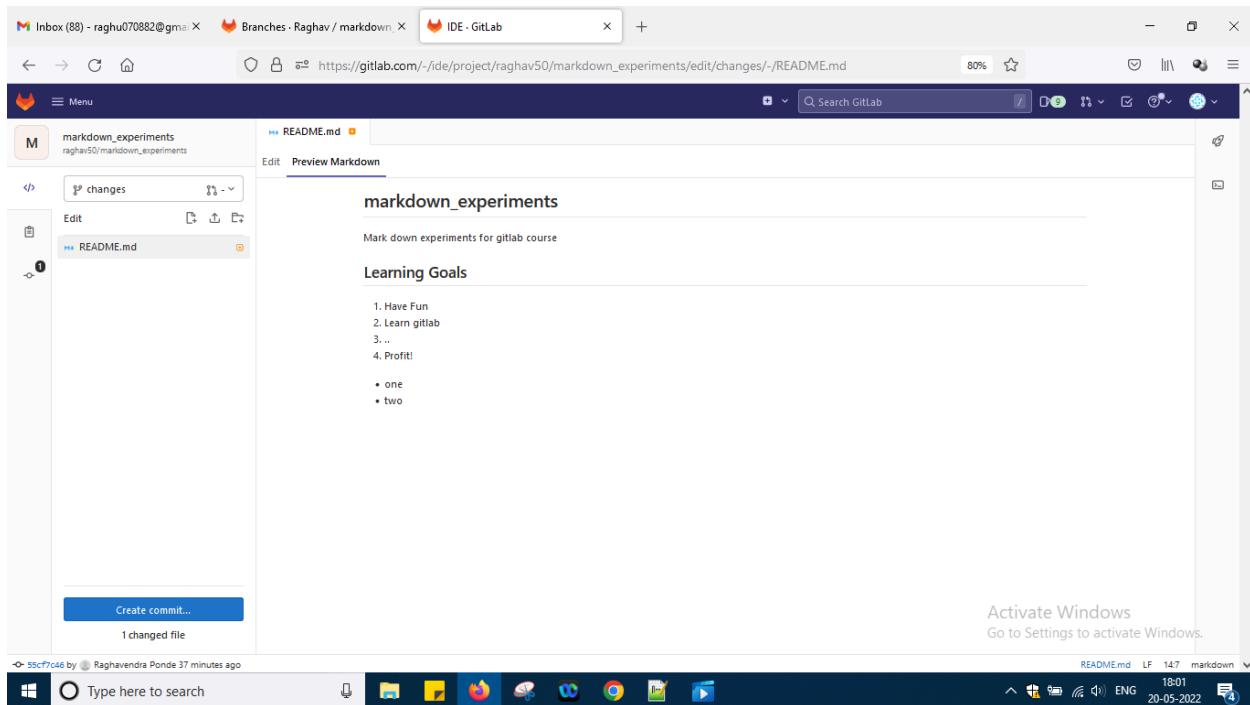
The screenshot shows a web browser window with multiple tabs open. The active tab is 'IDE - GitLab' on the GitLab website. The URL is https://gitlab.com/-/ide/project/raghav50/markdown_experiments/edit/changes/-/README.md. The page displays the same content as the previous screenshot, including the 'markdown_experiments' header, learning goals, and a context menu for the 'Learning Goals' section.

So it is a little bit more powerful than the earlier basic editor okay ..

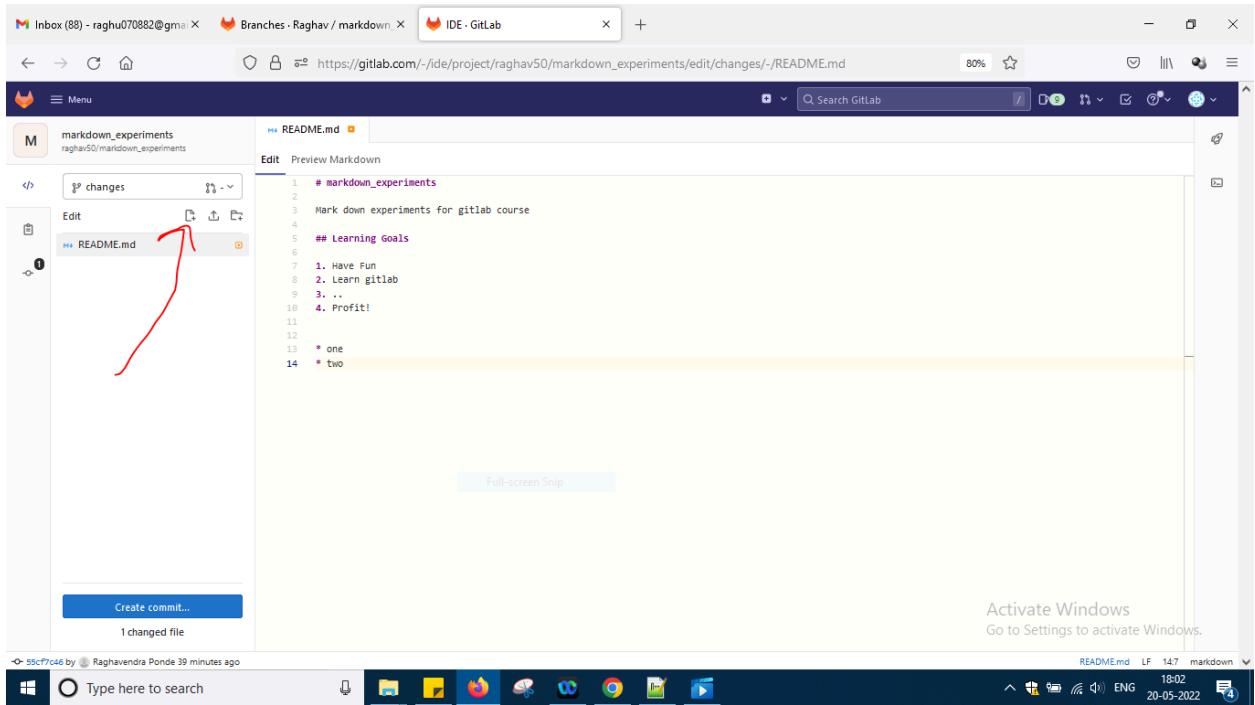
Now written one and two in code of editor



And preview markdown is like this



Now click this to create a new file



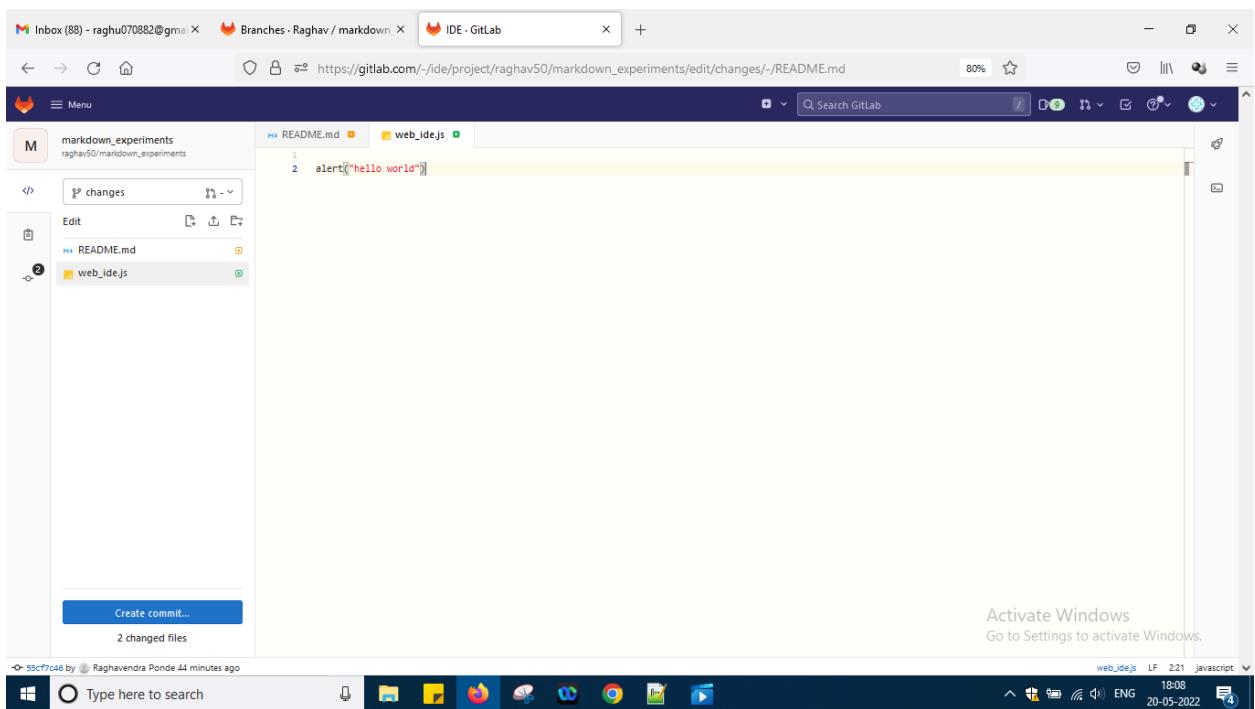
A screenshot of the GitLab IDE interface. The top navigation bar shows tabs for 'Inbox (88)', 'Branches - Raghav / markdown', and 'IDE - GitLab'. The main area displays a file named 'README.md' with the following content:

```
1 # markdown_experiments
2
3 Mark down experiments for gitlab course
4
5 ## Learning Goals
6
7 1. Have Fun
8 2. Learn gitlab
9 3. ...
10 4. Profit!
11
12 * one
13 * two
```

The sidebar on the left shows a tree view with 'README.md' selected. A red arrow points from the bottom-left towards the 'changes' dropdown menu in the sidebar. At the bottom, there is a 'Create commit...' button and a message indicating '1 changed file'. The status bar at the bottom right shows 'README.md', 'LF', '14.7', 'markdown', the date '20-05-2022', and a battery icon.

And write name as `web_ide.js`

Okay remove all path and write the name as above and write in js file

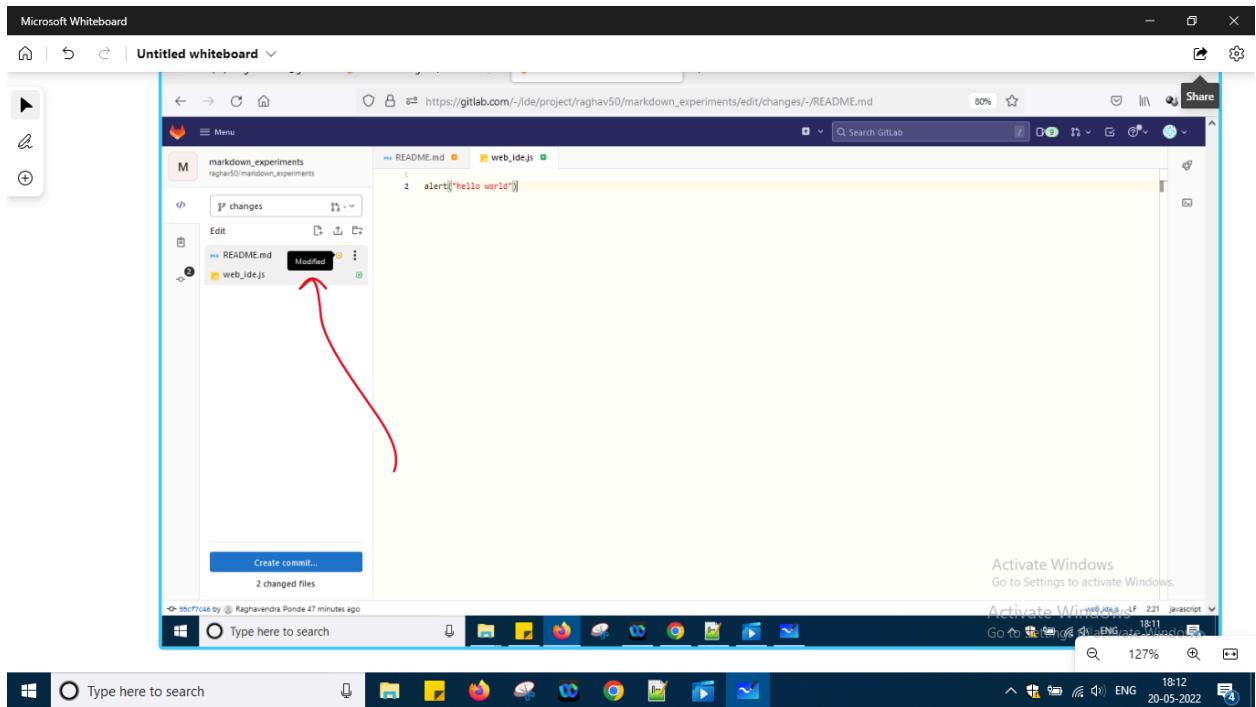


A screenshot of the GitLab IDE interface, similar to the previous one but with a different file structure. The top navigation bar shows tabs for 'Inbox (88)', 'Branches - Raghav / markdown', and 'IDE - GitLab'. The main area displays a file named 'web_ide.js' with the following content:

```
1 alert("hello world")
```

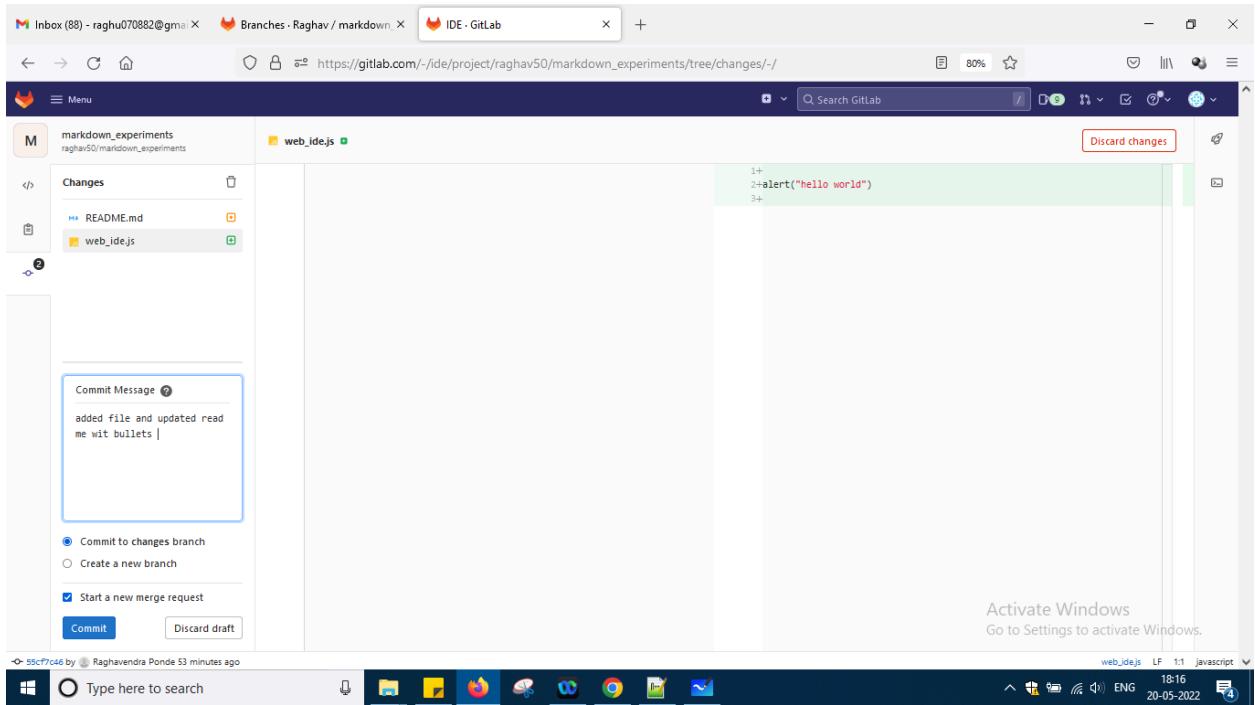
The sidebar on the left shows a tree view with 'README.md' and 'web_ide.js' selected. A red arrow points from the bottom-left towards the 'changes' dropdown menu in the sidebar. At the bottom, there is a 'Create commit...' button and a message indicating '2 changed files'. The status bar at the bottom right shows 'web_ide.js', 'LF', '18.02', 'javascript', the date '20-05-2022', and a battery icon.

Hello world so till now i had done some changes in read me and added new js file okay now using web ide i need to commit those changes okay

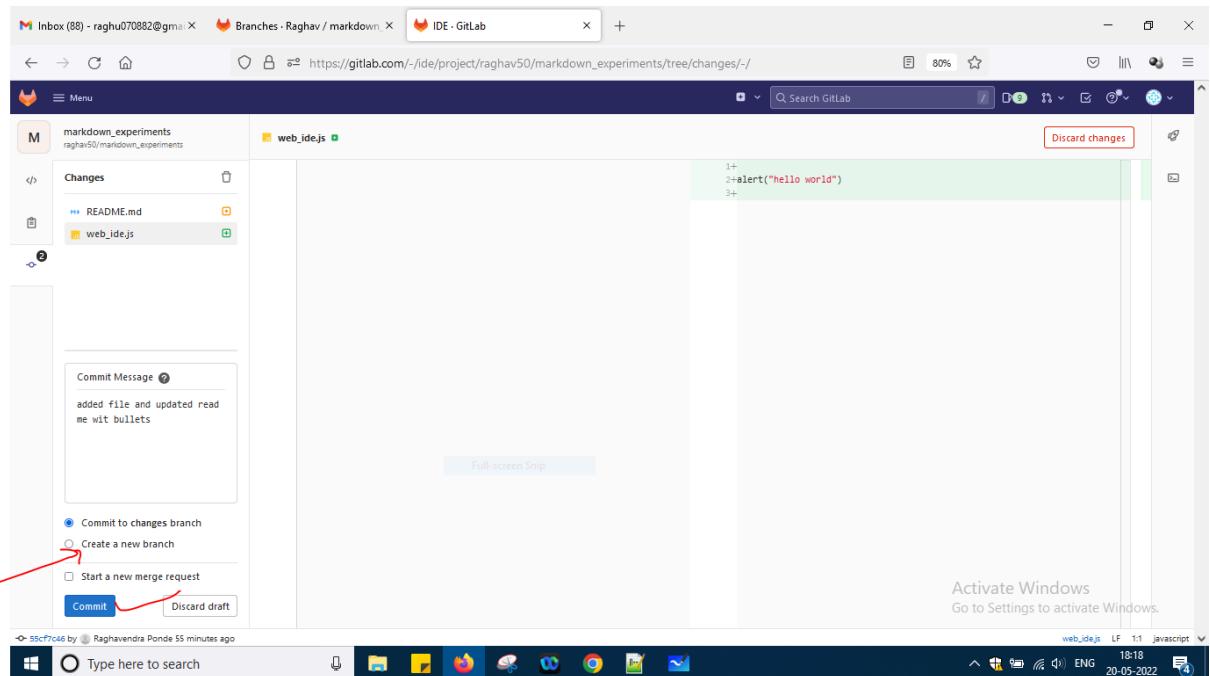


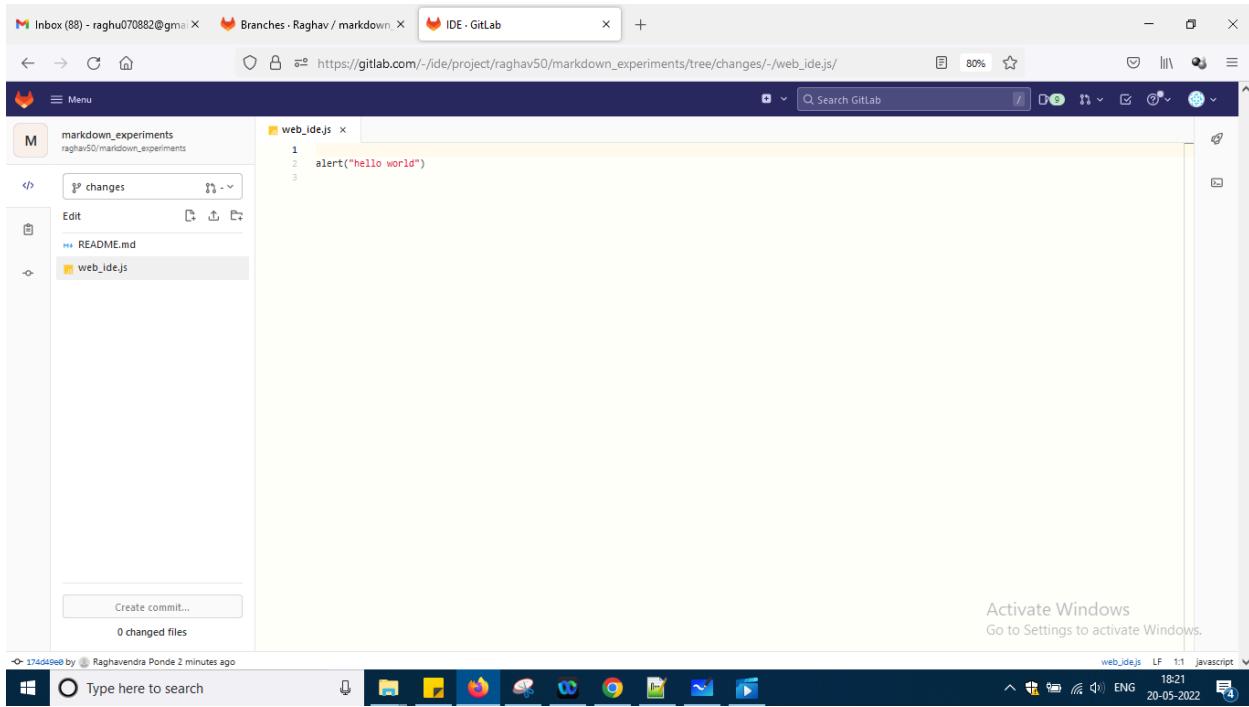
It is showing there i modified and also added down if u put cursor okay

Down create commit button click it

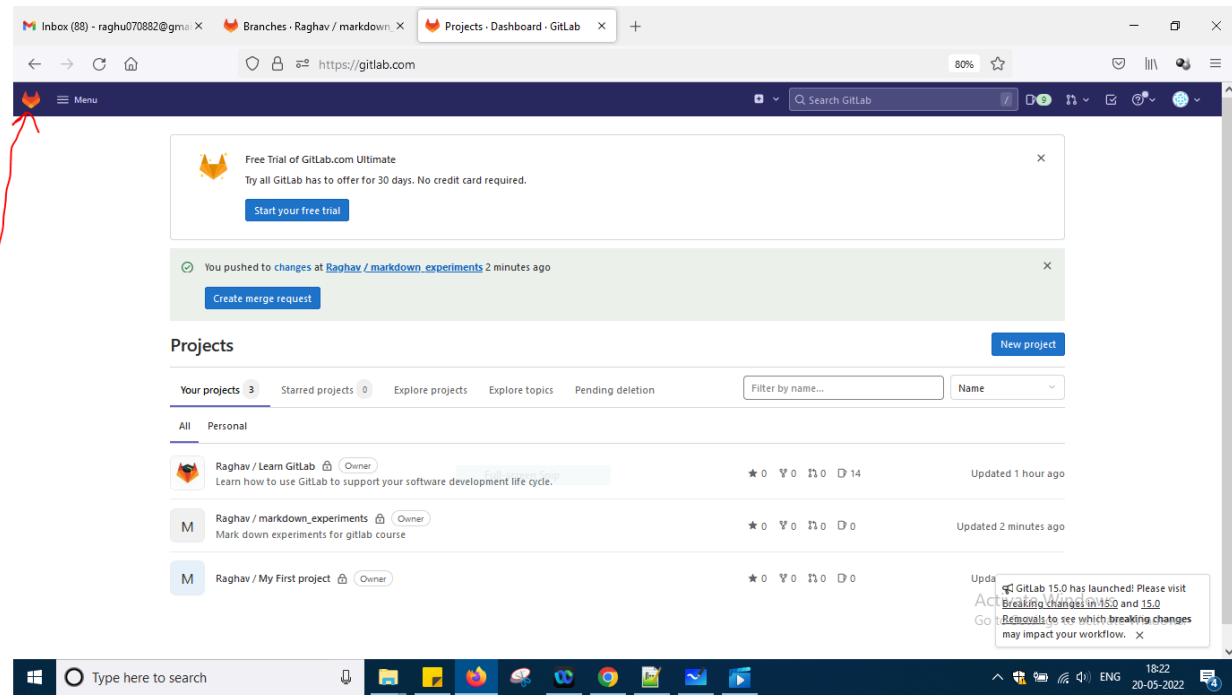


So it is showing all the things here u want to create new branch or start a merge request all those things i don't want to do so uncheck start a new merge request and say commit now okay





Next after clicking dashboard



I am getting like this above means before this slide i clicked there only and i can see above image okay

Now create merge request

A screenshot of a web browser displaying the GitLab dashboard. At the top, there are three tabs: 'Inbox (88) - raghu07082@gmail.com', 'Branches - Raghav / markdown', and 'Projects - Dashboard - GitLab'. The main content area shows a 'Free Trial of GitLab.com Ultimate' banner with a 'Start your free trial' button. Below it, a notification says 'You pushed to changes at Raghav / markdown_experiments 2 minutes ago' with a 'Create merge request' button. The dashboard lists three projects: 'Raghav / Learn GitLab' (Owner), 'Raghav / markdown_experiments' (Owner), and 'Raghav / My First project' (Owner). A red arrow points from the text 'One window will come fill the details and after merging u want to delete changes branch for that already check option is given okay' to the 'Create merge request' button.

One window will come fill the details and after merging u want to delete changes branch for that already check option is given okay

A screenshot of a web browser displaying the 'New merge request' form for the 'markdown_experiments' project. The left sidebar shows project navigation options like Project information, Issues, Merge requests, and Settings. The main form area has fields for Assignee (Raghavendra Ponde), Reviewer (Raghavendra Ponde), and Merge options (checkboxes for 'Delete source branch when merge request is accepted' and 'Squash commits when merge request is accepted'). Buttons at the bottom include 'Create merge request' and 'Cancel'. A status bar at the bottom right shows 'Activate Windows' and 'Go to Settings to activate Windows.'

And just click the button okay

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X added file and updated read me wit bullets + https://gitlab.com/raghav50/markdown_experiments/-/merge_requests/1 70% Search GitLab

Raghav > markdown_experiments > Merge requests > 1

added file and updated read me wit bullets

Raghavendra Ponde requested to merge changes into main just now

Overview 0 Commits 1 Changes 2

Looks like there's no pipeline here. GitLab CI/CD can automatically build, test, and deploy your application. It only takes a few minutes to get started, and we can help you create a pipeline configuration file.

Try out GitLab Pipelines

Approve Approval is optional

Merge Delete source branch Squash commits

Adds 1 commit and 1 merge commit to main. Modify merge commit

Raghavendra Ponde @RaghavAdoni requested review from @RaghavAdoni just now

Raghavendra Ponde @RaghavAdoni assigned to @RaghavAdoni just now

Write Preview Write a comment or drag your files here...

Mark as done Edit Assignee Raghavendra Ponde Edit Reviewer Raghavendra Ponde Edit Labels None Edit Milestone None Edit Time tracking No estimate or time spent Edit Lock merge request Unlocked Edit Notifications 1 participant Reference: raghav50/markdown_e... Source branch: changes

Activate Windows Go to Settings to activate Windows.

18:36 20-05-2022

Now go to merge requests

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X Merge requests - Raghav / mail X + https://gitlab.com/raghav50/markdown_experiments/-/merge_requests 90% Search GitLab

Raghav > markdown_experiments > Merge requests

Open 1 Merged 0 Closed 0 All 1

Recent searches Search or filter results... Created date

added file and updated read me wit bullets

!1 · created 3 minutes ago by Raghavendra Ponde updated 3 minutes ago

Email a new merge request to this project

Activate Windows Go to Settings to activate Windows.

18:40 20-05-2022

So u can see it and also can send mail also

Now click the merge request to be reviewed okay click it

The screenshot shows a GitLab merge request page for a project named 'markdown_experiments'. The merge request is titled 'added file and updated read me wit bullets' and was created by Raghavendra Ponde. The pipeline configuration section is highlighted, showing a message: 'Looks like there's no pipeline here. GitLab CI/CD can automatically build, test, and deploy your application. It only takes a few minutes to get started, and we can help you create a pipeline configuration file.' A 'Try out GitLab Pipelines' button is present. Below this, there are sections for 'Approve' (with an optional approval checkbox), 'Merge' (with checkboxes for 'Delete source branch' and 'Squash commits'), and a note about adding 1 commit and 1 merge commit to the main branch. The right side of the screen displays various project settings and status indicators.

Means some body should review it and add some features if needed okay

The screenshot shows a GitLab merge request page for the same project. A red arrow points to the 'Description' field, which contains the text: '- [] need a coffee break
- [] doing funny job
- [] just review it once |'. Another red arrow points to the top right of the editor area. The right side of the screen shows the merge request details: Assignee and Reviewer both set to 'Raghavendra Ponde', an optional approval section, and a note about code review approvals. Handwritten annotations are visible on the right side of the screen.

Click save changes

Inbox (88) - raghu070882@gmail.com Branches - Raghav / markdown added file and updated read me wit bullets

Raghav > markdown_experiments > Merge requests > 1

added file and updated read me wit bullets

Raghavendra Ponde requested to merge changes into main 13 minutes ago

Overview 0 Commits 1 Changes 2

need a coffee break
doing funny job
just review it once

Edited just now by Raghavendra Ponde

Looks like there's no pipeline here.

GitLab CI/CD can automatically build, test, and deploy your application. It only takes a few minutes to get started, and we can help you create a pipeline configuration file.

Try out GitLab Pipelines

Approve Approval is optional

Add a to do

Assignee Raghavendra Ponde

Reviewer Raghavendra Ponde

Labels None

Milestone None

Time tracking No estimate or time spent

Lock merge request Unlocked

Notifications

Active participant 1 Go to settings to activate Windows.

Type here to search

18:49 20-05-2022

Now check the box once and down it will shown as done

Inbox (88) - raghu070882@gmail.com Branches - Raghav / markdown added file and updated read me wit bullets

Raghav > markdown_experiments > Merge requests > 1

added file and updated read me wit bullets

Raghavendra Ponde requested to merge changes into main 13 minutes ago

Overview 0 Commits 1 Changes 2

need a coffee break
doing funny job
just review it once

Edited just now by Raghavendra Ponde

Approve Approval is optional

Merge Delete source branch Squash commits

Adds 1 commit and 1 merge commit to main. Modify merge commit

Raghavendra Ponde @Raghavendra_Ponde requested review from @Raghavendra_Ponde 13 minutes ago

Raghavendra Ponde @Raghavendra_Ponde assigned to @Raghavendra_Ponde 13 minutes ago

Raghavendra Ponde @Raghavendra_Ponde changed the description just now

Raghavendra Ponde @Raghavendra_Ponde marked the task need a coffee break as completed just now

Add a to do

Assignee Raghavendra Ponde

Reviewer Raghavendra Ponde

Labels None

Milestone None

Time tracking No estimate or time spent

Lock merge request Unlocked

Notifications

Active participant 1 Go to settings to activate Windows.

Type here to search

18:50 20-05-2022

So something in description i am doing it good way we are saying it okay

And finally click the approve button okay

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X added file and updated read me wit bullets + https://gitlab.com/raghav50/markdown_experiments/-/merge_requests/1 90% Search GitLab

Raghav > markdown_experiments > Merge requests > 11

added file and updated read me wit bullets

Raghavendra Ponde requested to merge changes into main 13 minutes ago

Overview 0 Commits 1 Changes 2

need a coffee break
doing funny job
just review it once

Edited just now by Raghavendra Ponde

Approved by you

Merge Delete source branch Squash commits

Adds 1 commit and 1 merge commit to main. [Modify merge commit](#)

Raghavendra Ponde @Raghavendra_Ponde requested review from @Raghavendra_Ponde 13 minutes ago

Raghavendra Ponde @Raghavendra_Ponde assigned to @Raghavendra_Ponde 13 minutes ago

Add a to do

Assignee Raghavendra Ponde Edit

Reviewer Raghavendra Ponde Edit

Labels None Edit

Milestone None Edit

Time tracking No estimate or time spent

Lock merge request Unlocked Edit

Notifications

Active participant windows Go to settings to activate Windows.

Type here to search

18:55 20-05-2022

And commit tab

Inbox (88) - raghu070882@gmail.com X Branches - Raghav / markdown X added file and updated read me wit bullets + https://gitlab.com/raghav50/markdown_experiments/-/merge_requests/1/commits 90% Search GitLab

Raghav > markdown_experiments > Merge requests > 11

added file and updated read me wit bullets

Raghavendra Ponde requested to merge changes into main 13 minutes ago

Overview 0 Commits 1 Changes 2

20 May, 2022 1 commit

added file and updated read me wit bullets
Raghavendra Ponde authored 36 minutes ago 174d49e0

Add previously merged commits

Add a to do

Assignee Raghavendra Ponde Edit

Reviewer Raghavendra Ponde Edit

Labels None Edit

Milestone None Edit

Time tracking No estimate or time spent

Lock merge request Unlocked Edit

Notifications

Active participant windows Go to settings to activate Windows.

Type here to search

18:55 20-05-2022

And click that link and see it okay

The screenshot shows a GitLab merge request for a project named 'markdown_experiments'. The merge request, titled 'added file and updated read me wit bullets', has been requested by Raghavendra Ponde to merge the 'changes' branch into the 'main' branch 20 minutes ago. The 'Changes' tab is selected, displaying two files: 'README.md' and 'web_ide.js'. The 'README.md' file shows changes from line 8 to 14, adding bullet points for a course. The 'web_ide.js' file shows a single change at line 2, adding an alert('hello world'). The right sidebar contains fields for assignee (Raghavendra Ponde), reviewer (Raghavendra Ponde), labels (None), milestone (None), time tracking (No estimate or time spent), lock merge request (Unlocked), and notifications (checked). The status bar at the bottom indicates it's 18:57 on 20-05-2022.

So somebody reviewed and done changes and i can add comment that good changes done and i think it is okay and come to overview tab click merge button

The screenshot shows the same GitLab merge request interface, but now the 'Overview' tab is selected. It displays a message indicating the merge was approved by Raghavendra Ponde 38 seconds ago, and the changes were merged into the 'main' branch. Below this, a list of activity items shows Raghavendra Ponde requesting review, assigning tasks, changing descriptions, marking tasks as completed, and mentioning others in the commit. The right sidebar remains the same as in the previous screenshot. The status bar at the bottom indicates it's 19:00 on 20-05-2022.

It is then having revert option also which will revert okay

Next is Git history

Now go to main tab markdowncommits and click the commit button

The screenshot shows the GitLab interface for a project named 'markdown_experiments'. The sidebar on the left contains various project management links like Project information, Learn GitLab, Repository, Issues, Merge requests, CI/CD, Security & Compliance, Deployments, Packages & Registries, Infrastructure, Monitor, Analytics, Wiki, Snippets, and Settings. The main content area displays project statistics: 4 commits, 1 branch, 0 tags, and 0 bytes of project storage. Below this is a brief description: 'Mark down experiments for gitlab course'. A modal window titled 'Auto DevOps' is open, explaining it will automatically build, test, and deploy based on predefined CI/CD configuration. There's a 'Enable in settings' button. At the bottom, there's a commit list starting with 'Merge branch 'changes' into 'main''. The commit message is 'Merge branch 'changes' into 'main''. The author is Raghavendra Ponde and it was authored 8 minutes ago. The commit ID is 71c33832.

The screenshot shows the 'Commits' page for the 'main' branch of the 'markdown_experiments' project. The sidebar is identical to the previous screenshot. The main content area lists the commit history for May 20, 2022. There are four commits:

- Merge branch 'changes' into 'main' (71c33832) - Author: Raghavendra Ponde, 9 minutes ago
- added file and updated read me wit bullets (174d49e0) - Author: Raghavendra Ponde, 49 minutes ago
- Added initial learning goals to demonstrate simple editor (55cf7c46) - Author: Raghavendra Ponde, 1 hour ago
- Initial commit (00b35a43) - Author: Raghavendra Ponde, 2 hours ago

At the bottom right, there's a message: 'Activate Windows' and 'Go to Settings to activate Windows.'

So shows commit message for each one

So click this folder u can go to the actual code which u have written before doing a commit

The screenshot shows a GitLab interface with a sidebar on the left containing project navigation links like Project information, Learn GitLab, Repository, Commits, Issues, Merge requests, CI/CD, Security & Compliance, Deployments, Packages & Registries, and Infrastructure. The main content area displays a commit history for the 'main' branch of the 'markdown_experiments' repository. There are four commits listed:

- Merge branch 'changes' into 'main' (71c33832) - Raghavendra Ponde authored 9 minutes ago
- added file and updated read me wit bullets (174d49e0) - Raghavendra Ponde authored 49 minutes ago
- Added initial learning goals to demonstrate simple editor (55cf7c46) - Raghavendra Ponde authored 1 hour ago
- Initial commit (0eb35a43) - Raghavendra Ponde authored 2 hours ago

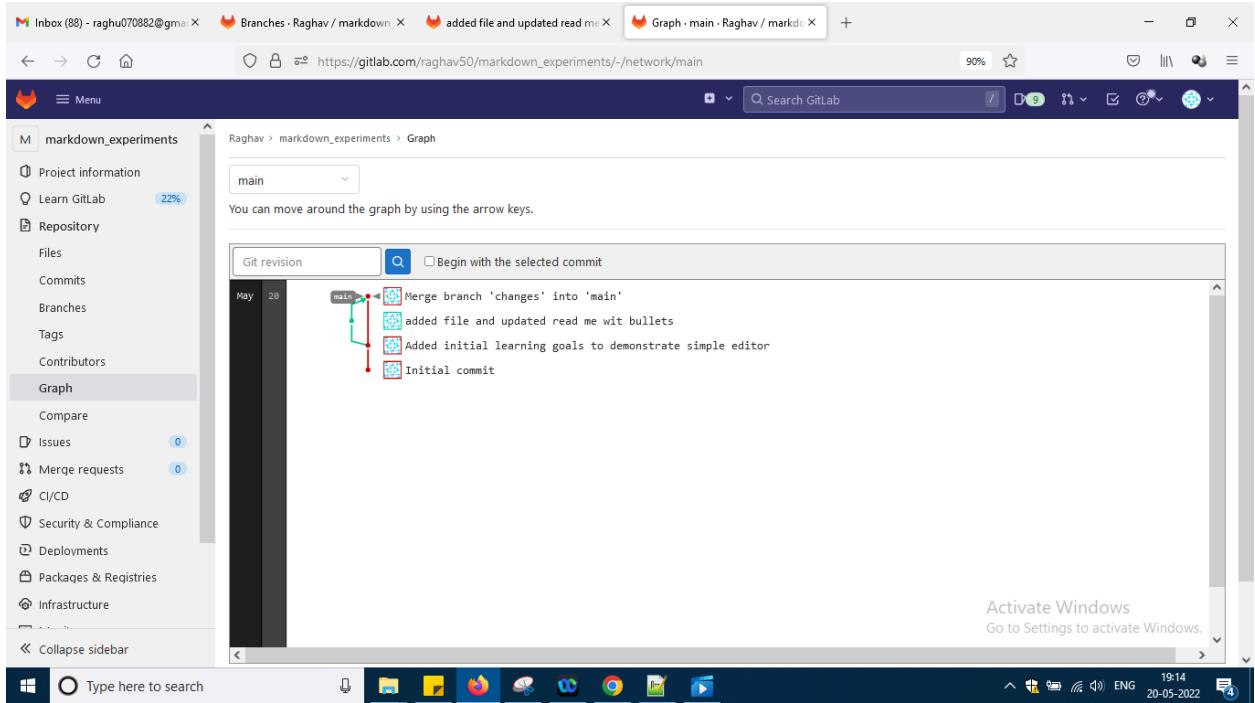
A red arrow points from the text "So click this folder u can go to the actual code which u have written before doing a commit" to the first commit (71c33832). Another red arrow points to the second commit (174d49e0).

The screenshot shows a GitLab interface with a sidebar on the left containing project navigation links. The main content area displays the 'Repository' page for the 'markdown_experiments' repository. It shows a single commit (174d49e0) with the message "added file and updated read me wit bullets" by Raghavendra Ponde. Below the commit, there is a table titled "Name" with two entries: "README.md" and "web_ide.js". Both entries have the same "Last commit" timestamp: "added file and updated read me wit bullets" at "53 minutes ago". Under the "README.md" entry, there is a section titled "markdown_experiments" with the content "Mark down experiments for gitlab course" and a "Learning Goals" section containing the following list:

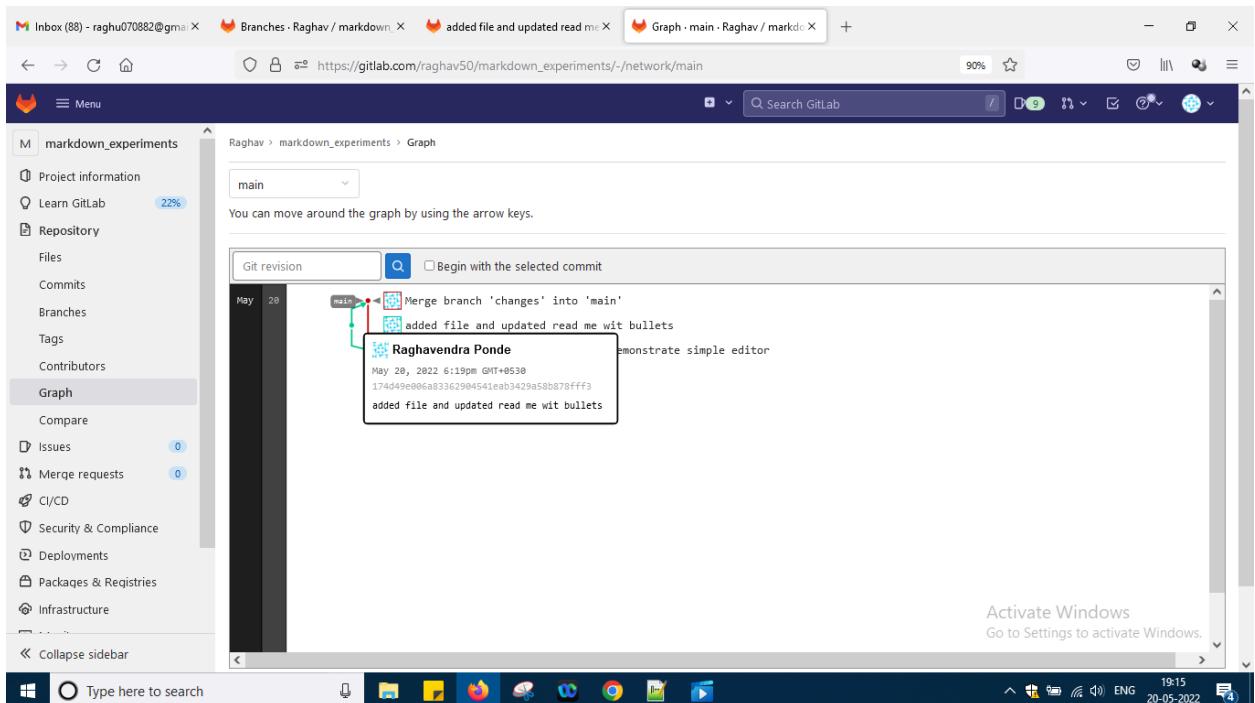
1. Have Fun
2. Learn gitlab
3. ..
4. Profit!

A red arrow points from the text "Go to graphs to visualize the things more better" to the "Learning Goals" section.

Go to graphs to visualize the things more better



Take the cursor there u can check in main branch how many commits and other branch how many commits



Suppose u want to create tags click to dot there in graph and one page opens and side by select tab and say add tab and suppose u are realising a product or like that

The screenshot shows a GitLab commit page for a project named 'markdown_experiments'. The commit hash is 55cf7c46. The commit message is 'Added initial learning goals to demonstrate simple editor'. A context menu is open over the commit message, with 'Tag' selected. The commit details show a single file change in README.md. The commit message in README.md includes sections for 'Getting started' and 'Learning Goals'.

After adding tag say 1.0 and some message and again go to graph

The screenshot shows the GitLab Graph interface for the same project. The graph displays the commit history, including the '1.0' tag as a distinct node. The tag is labeled 'Initial commit' and has a red arrow pointing to it from the main branch. The graph interface includes a search bar and a 'Git revision' dropdown.

U can see that 1.0 release like that

Next topic is gitlab collaboration as per the video which is last video okay

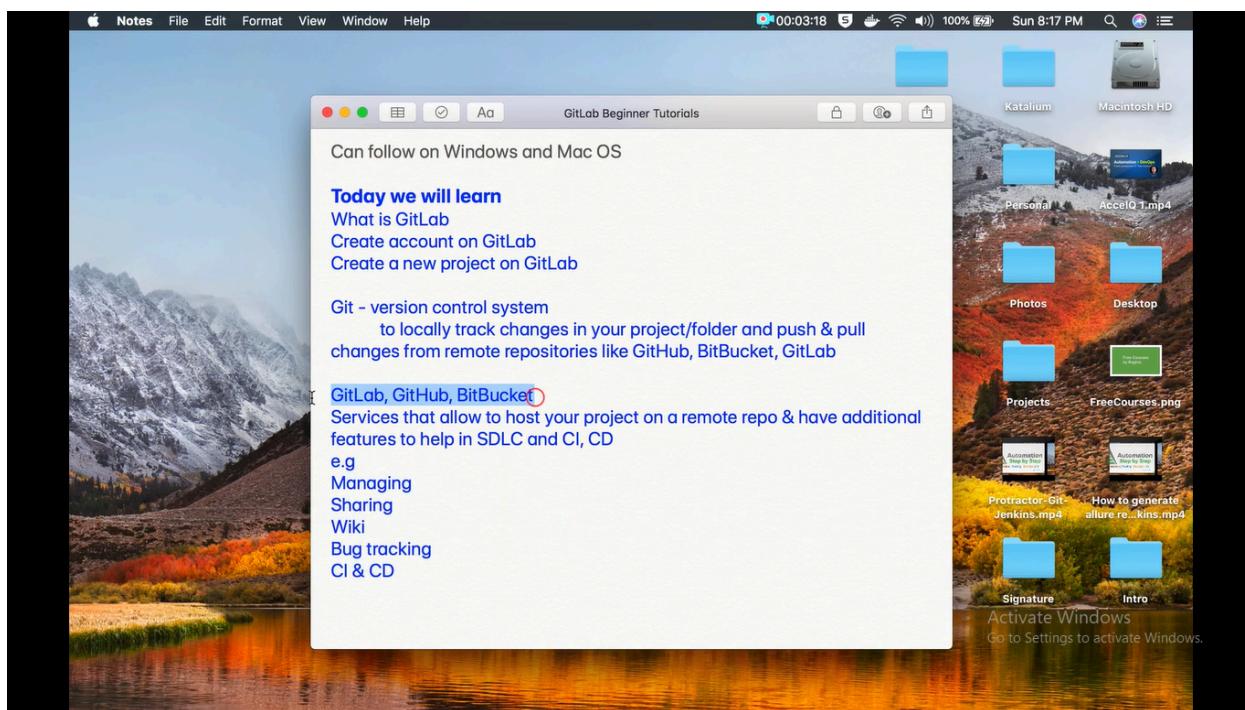
Which u can check with the video notes i am not writing for it so above things u need to practise and come into flow okay

Now i am moving to video section git lab for beginners automation step by step youtube videos and as per him i had already created a folder in gitlab which is my first project okay click dashboard and last project click it okay

The screenshot shows a web browser window with the URL <https://gitlab.com>. A modal window titled "Free Trial of GitLab.com Ultimate" is displayed, stating "Try all GitLab has to offer for 30 days. No credit card required." with a "Start your free trial" button. Below the modal, the main dashboard is visible under the "Projects" heading. It shows three projects:

- Raghav / Learn GitLab (Owner): Description: Learn how to use GitLab to support your software development life cycle. Metrics: ★ 0, 0 issues, 0 merge requests, 0 pipelines, 14 CI jobs. Last updated: 18 hours ago.
- M Raghav / markdown_experiments (Owner): Description: Mark down experiments for gitlab course. Metrics: ★ 0, 0 issues, 0 merge requests, 0 pipelines, 0 CI jobs. Last updated: 15 hours ago.
- M Raghav / My First project (Owner): Description: (empty). Metrics: ★ 0, 0 issues, 0 merge requests, 0 pipelines, 0 CI jobs. Last updated: 18 hours ago.

A tooltip for the "My First project" card provides information about GitLab 15.0: "GitLab 15.0 has launched! Please visit [Breaking changes in 15.0 and 15.0](#). Removals to see which [breaking changes](#) may impact your workflow." The browser status bar at the bottom shows the URL https://gitlab.com/raghav50/markdown_experiments/-/issues, the search bar, and system icons.



Here two steps are done like creating an account and a project okay and the url of the project is

Raghav / My First project · GitLab

https://gitlab.com/raghav50/my-first-project

My First project

Project ID: 36341462

1 Commit 1 Branch 0 Tags 0 Bytes Project Storage

Auto DevOps

It will automatically build, test, and deploy your application based on changes.

Learn more in the [Auto DevOps documentation](#)

Enable in settings

main my-first-project / +

Find file Web IDE Clone

Initial commit

Raghavendra Ponde authored 18 hours ago

99b998be

README Add LICENSE Add CHANGELOG Add CONTRIBUTING Add Kubernetes cluster Set up CI/CD Configure Integrations

Name Last commit Last update

Activate Windows
Go to Settings to activate Windows.

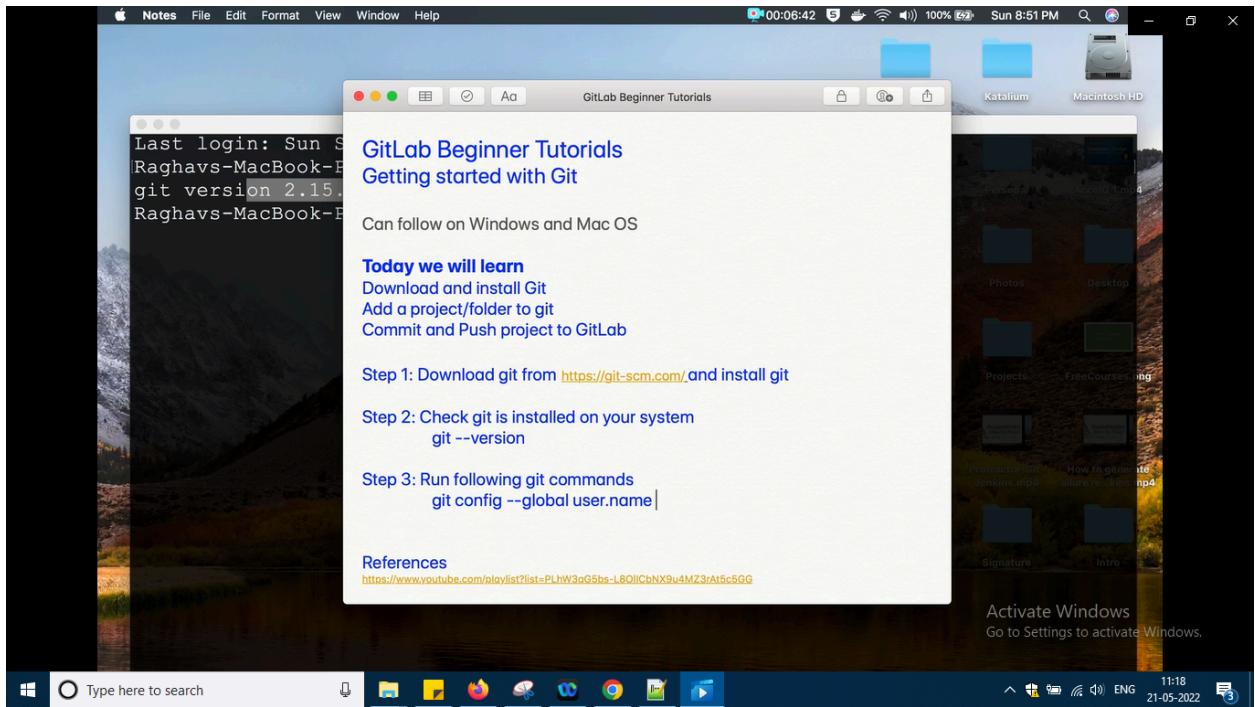
Type here to search

11:08 21-05-2022

<https://gitlab.com/raghav50/my-first-project.git>

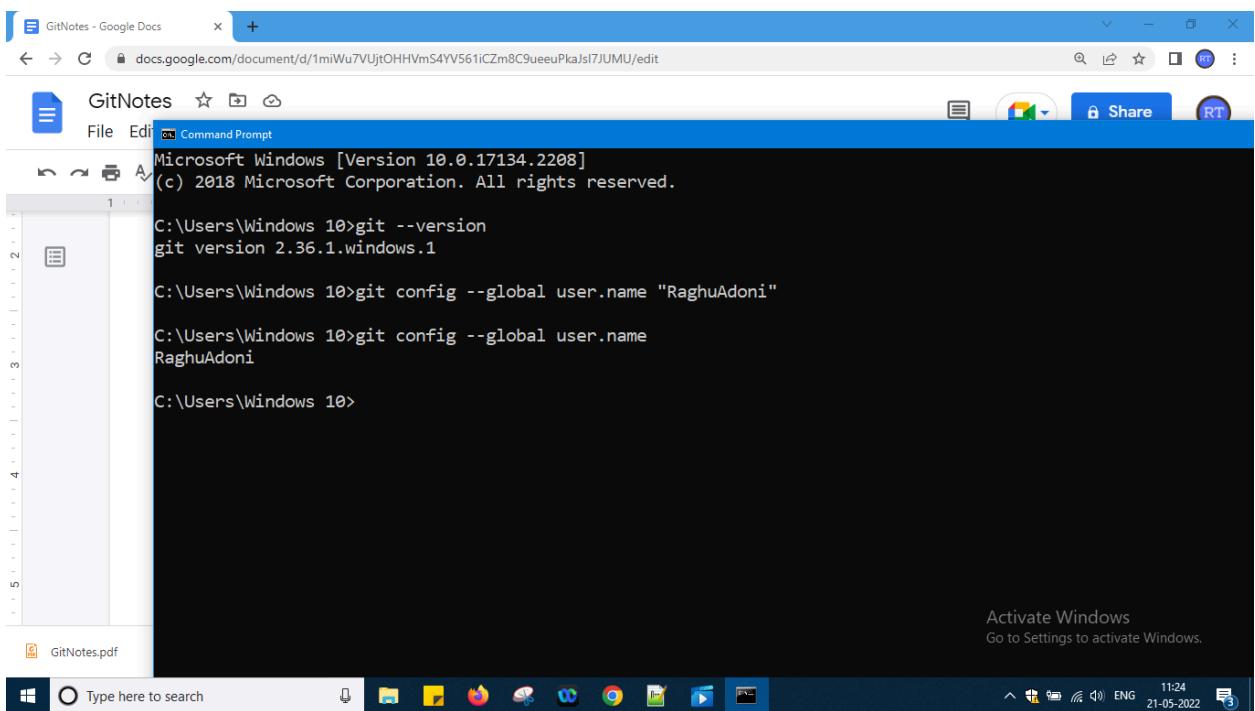
Here `raghav50` is some namespace or domain it has created for me by default and in that i can add users but i have not added and i am only there over there okay

Next as per second video of him



First two steps are done i had long back installed git and version also i can check now

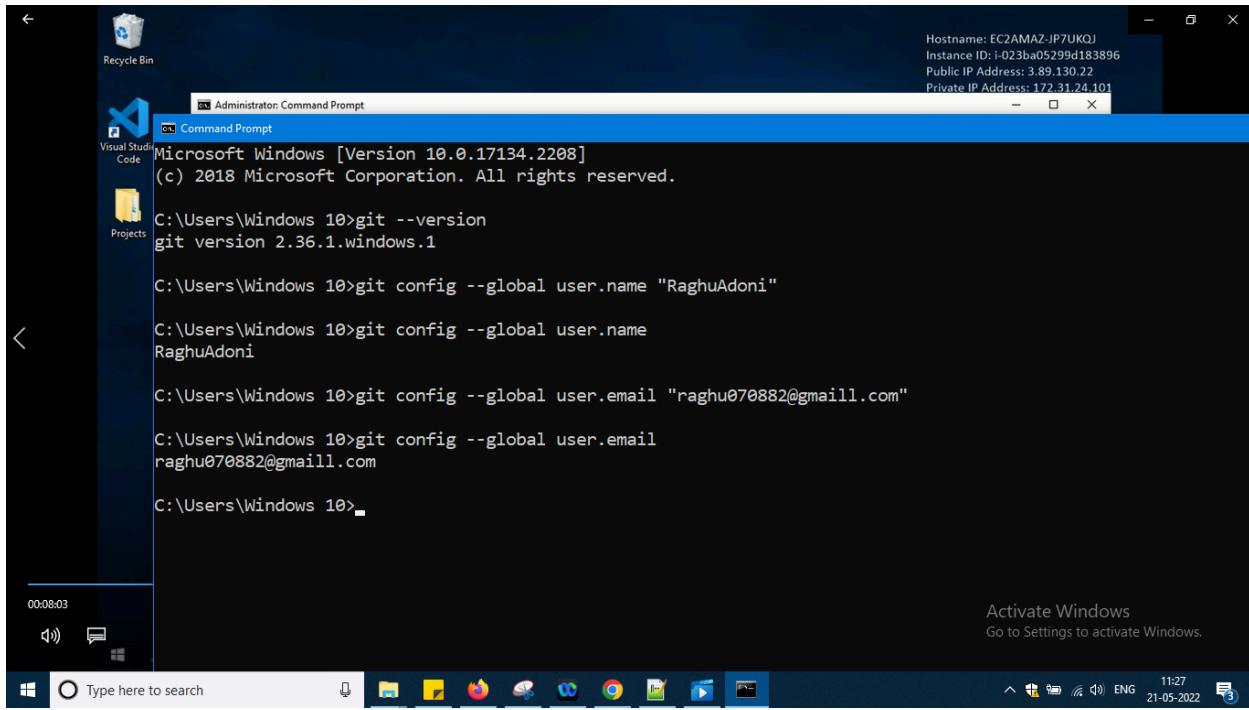
Next i will do it from 3rd step okay



In my system opening cmd I am writing the command to register the gitlab id into my system

And to know really whether my system has taken the value or not write second command without name it is showing my name okay

And in the same way for email also



Administrator: Command Prompt

```
Microsoft Windows [Version 10.0.17134.2208]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Windows 10>git --version
git version 2.36.1.windows.1

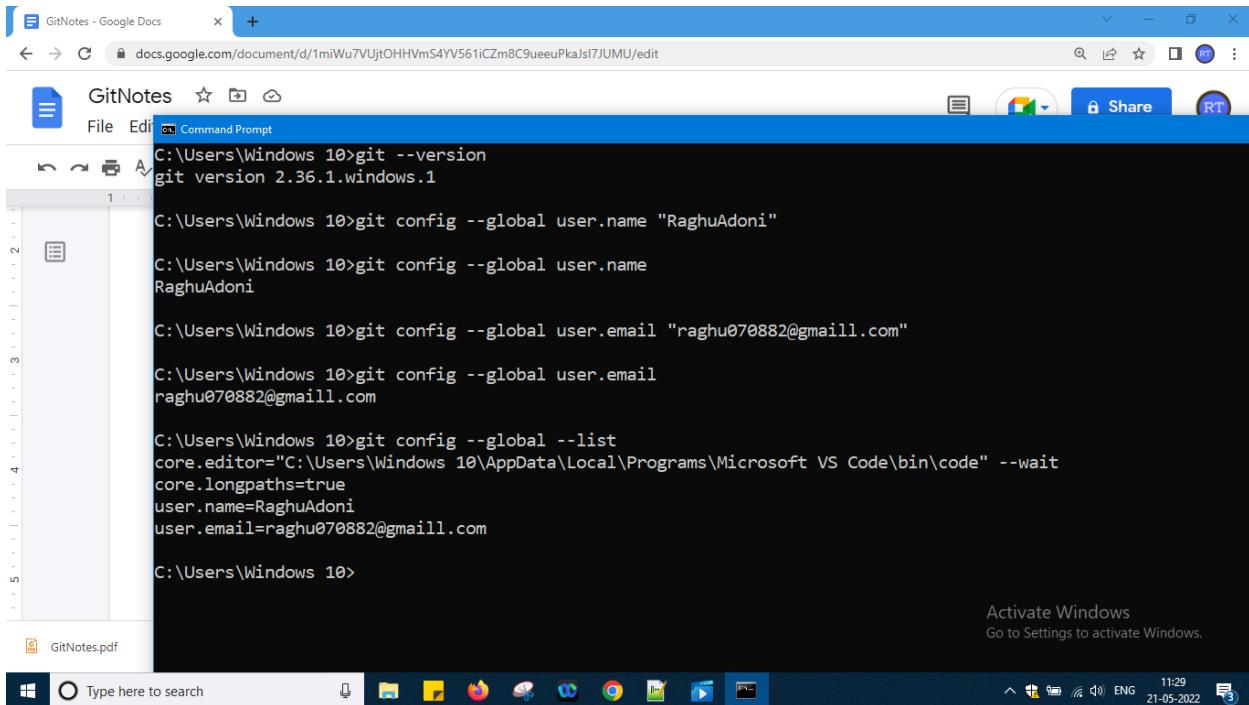
C:\Users\Windows 10>git config --global user.name "RaghAdoni"
C:\Users\Windows 10>git config --global user.name
RaghAdoni

C:\Users\Windows 10>git config --global user.email "raghu070882@gmail.com"
C:\Users\Windows 10>git config --global user.email
raghu070882@gmail.com

C:\Users\Windows 10>
```

Activate Windows
Go to Settings to activate Windows.

You can type the list command to see all details



GitNotes - Google Docs

File Edit

GitNotes

Activate Windows
Go to Settings to activate Windows.

```
C:\Users\Windows 10>git --version
git version 2.36.1.windows.1

C:\Users\Windows 10>git config --global user.name "RaghAdoni"
C:\Users\Windows 10>git config --global user.name
RaghAdoni

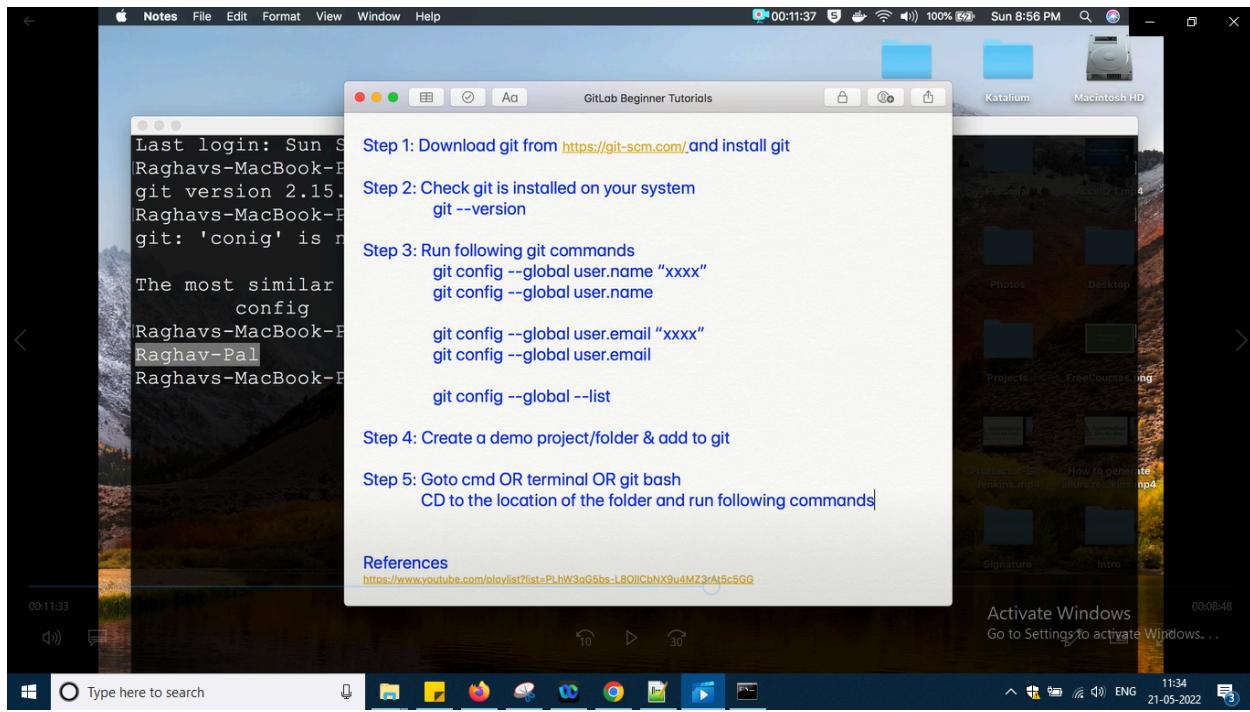
C:\Users\Windows 10>git config --global user.email "raghu070882@gmail.com"
C:\Users\Windows 10>git config --global user.email
raghu070882@gmail.com

C:\Users\Windows 10>git config --global --list
core.editor="C:\Users\Windows 10\AppData\Local\Programs\Microsoft VS Code\bin\code" --wait
core.longpaths=true
user.name=RaghAdoni
user.email=raghu070882@gmail.com

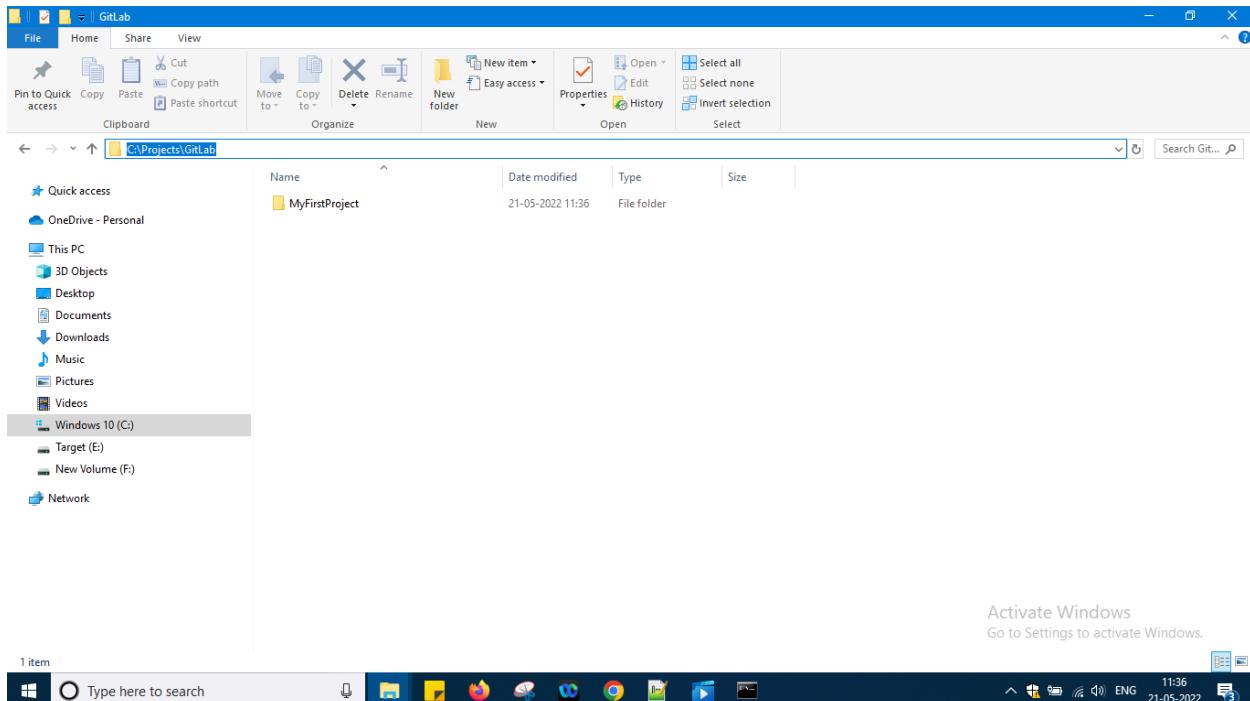
C:\Users\Windows 10>
```

Activate Windows
Go to Settings to activate Windows.

Next step is i need to create a demo project or folder so project means folder only it will be there And we have to add our local project folder to git okay and finally push that to gitlab okay

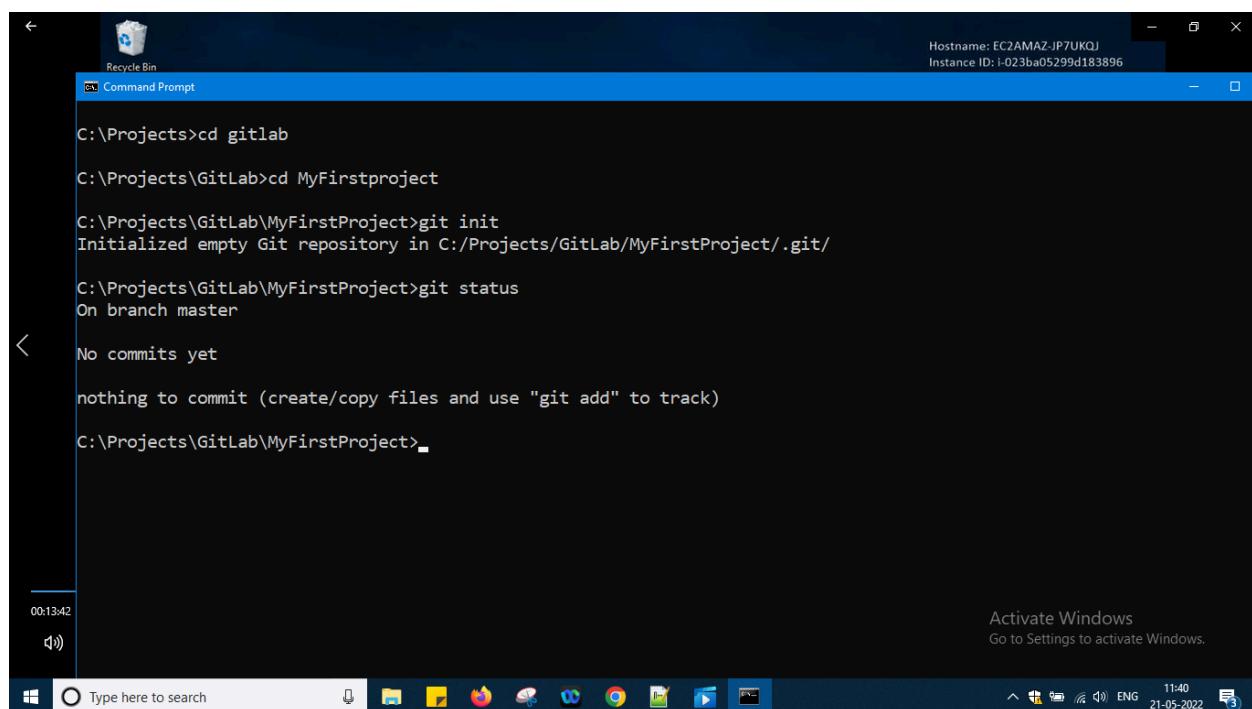
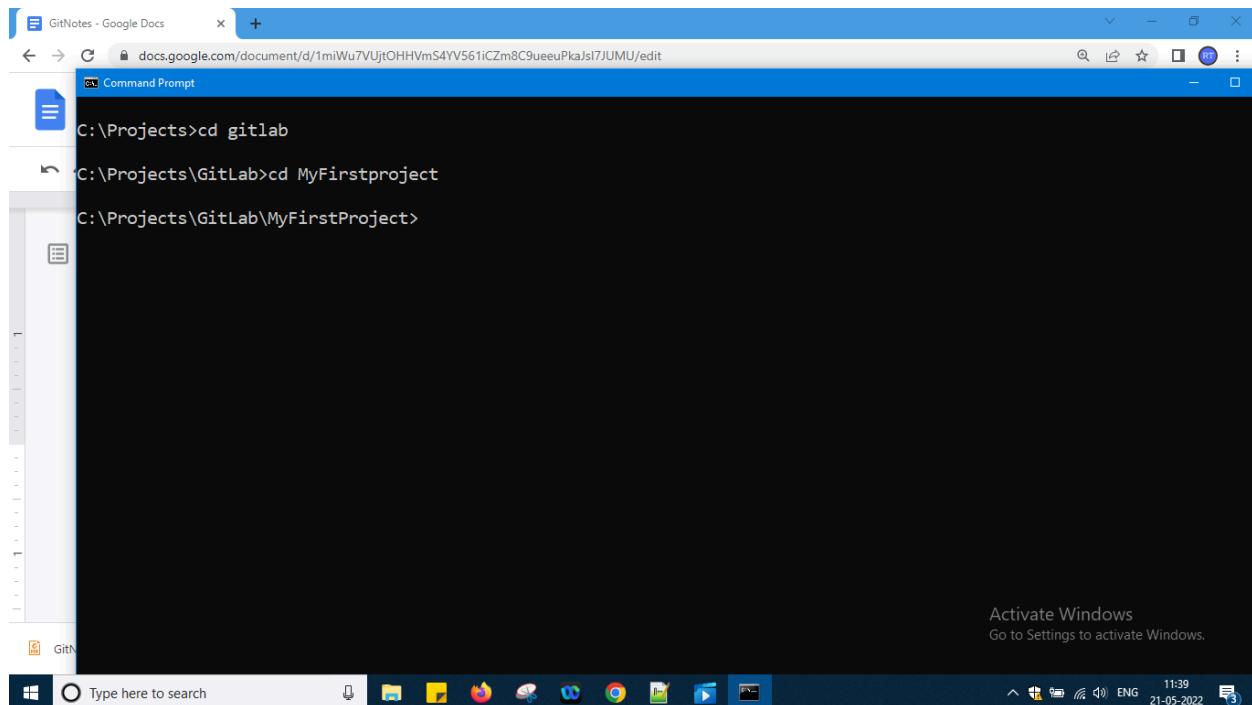


So



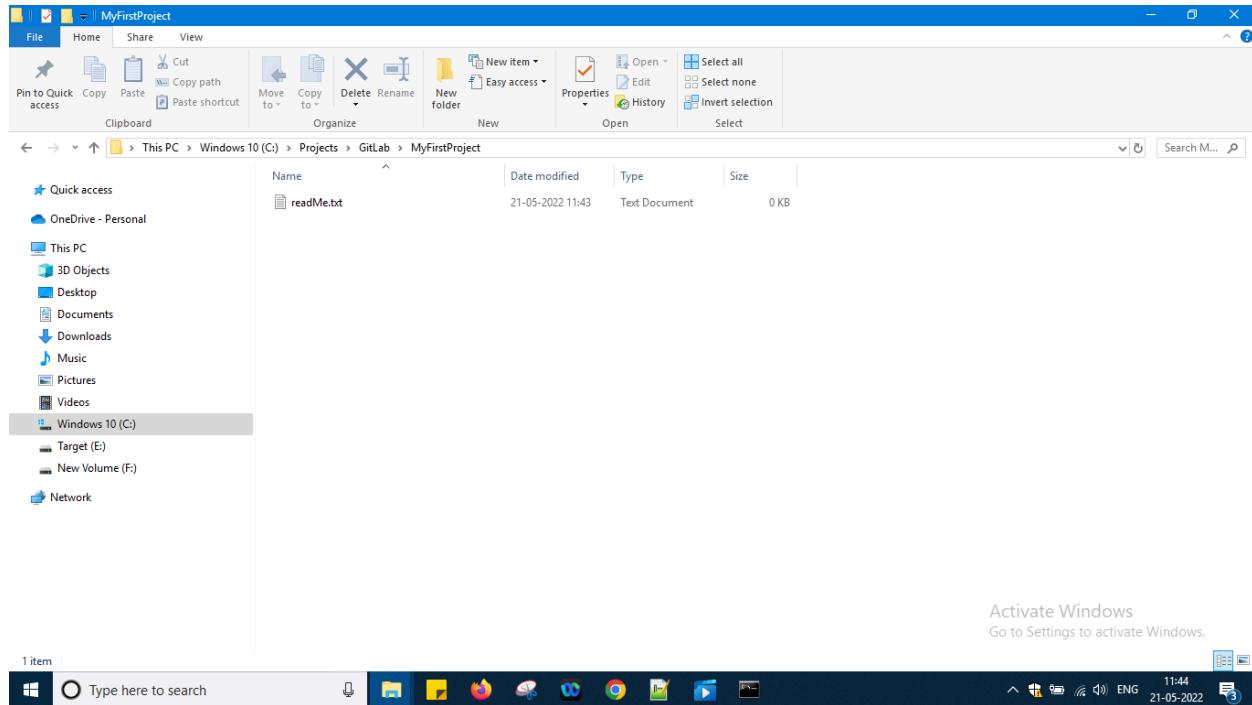
So in c: drive created folder projects and in that like this projects /Gitlab/MyFirstProject folder created okay

Now go to that folder



Same command which i had typed earlier in git bash i am typing here that's all

Now create a simple text file readMe.txt and now again go back



```
git init  
Initialized empty Git repository in C:/Projects/GitLab/MyFirstProject/.git/  
git status  
On branch master  
No commits yet  
nothing to commit (create/copy files and use "git add" to track)  
git status  
On branch master  
No commits yet  
Untracked files:  
(use "git add <file>..." to include in what will be committed)  
readMe.txt.txt  
nothing added to commit but untracked files present (use "git add" to track)  
git status  
On branch master  
No commits yet  
Untracked files:  
(use "git add <file>..." to include in what will be committed)  
readMe.txt.txt  
nothing added to commit but untracked files present (use "git add" to track)
```

The screenshot shows a Command Prompt window with the title 'Command Prompt'. It displays the output of several 'git' commands: 'git init' creates a new repository, 'git status' shows it's on the 'master' branch with no commits or changes, and 'git add readMe.txt.txt' adds a new file to the staging area. The window has a dark theme and includes a vertical scroll bar. The taskbar at the bottom shows the date/time as 21-05-2022 11:44.

Put to staging and finally give a commit

The screenshot shows a Windows Command Prompt window titled "Command Prompt". The window displays the following terminal session:

```
← Recycle Bin Hostname: EC2AMAZ-JP7UKQJ  
Instance ID: i-023ba05299d183896  
Command Prompt  
Untracked files:  
(use "git add <file>..." to include in what will be committed)  
readMe.txt.txt  
nothing added to commit but untracked files present (use "git add" to track)  
C:\Projects\GitLab\MyFirstProject>git add .  
C:\Projects\GitLab\MyFirstProject>git status  
On branch master  
<  
No commits yet  
Changes to be committed:  
(use "git rm --cached <file>..." to unstage)  
new file: readMe.txt.txt  
C:\Projects\GitLab\MyFirstProject>git commit -m "one file added"  
[master (root-commit) a26698c] one file added  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 readMe.txt.txt  
C:\Projects\GitLab\MyFirstProject>
```

The command prompt shows the user navigating through their project directory, adding the current directory to the staging area, checking the status, and then committing the changes with a descriptive message. The terminal also indicates that a new file named "readMe.txt" was added.

Hostname: EC2AMAZ-JP7UKQJ
Instance ID: i-023ba05299d183896

```

C:\Projects\GitLab\MyFirstProject>git add .
C:\Projects\GitLab\MyFirstProject>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  readMe.txt.txt

C:\Projects\GitLab\MyFirstProject>git commit -m "one file added"
[master (root-commit) a26698c] one file added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 readMe.txt.txt

C:\Projects\GitLab\MyFirstProject>git push -u "https://gitlab.com/raghav50/my-first-project.git" master

```

Connect to GitLab

Sign in

Browser Token Password

Sign in with your browser

Don't have an account? [Sign Up](#)

Activate Windows
Go to Settings to activate Windows.

00:18:43

Type here to search

11:49 21-05-2022

Login with browser

Hostname: EC2AMAZ-JP7UKQJ
Instance ID: i-023ba05299d183896

```

C:\Projects\GitLab\MyFirstProject>git add .
C:\Projects\GitLab\MyFirstProject>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  readMe.txt.txt

C:\Projects\GitLab\MyFirstProject>git commit -m "one file added"
[master (root-commit) a26698c] one file added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 readMe.txt.txt

C:\Projects\GitLab\MyFirstProject>git push -u "https://gitlab.com/raghav50/my-first-project.git" master
info: please complete authentication in your browser...

```

Activate Windows
Go to Settings to activate Windows.

00:19:05

Type here to search

11:51 21-05-2022

And it will ask to authorize click it and and it will ask to close the browser and in cmd we will see

GitNotes - Google Docs

docs.google.com/document/d/1miWu7VUjtOHHVmS4YV561iCZm8C9ueeuPkajsI7JUMU/edit

Command Prompt

```
Changes to be committed:  
  (use "git rm --cached <file>..." to unstage)  
    new file:  readMe.txt.txt  
  
C:\Projects\GitLab\MyFirstProject>git commit -m "one file added"  
[master (root-commit) a26698c] one file added  
  1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 readMe.txt.txt  
  
C:\Projects\GitLab\MyFirstProject>git push -u "https://gitlab.com/raghav50/my-first-project.git" master  
info: please complete authentication in your browser...  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 218 bytes | 218.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
remote:  
  To https://gitlab.com/raghav50/my-first-project.git  
    * [new branch]      master -> master  
branch 'master' set up to track 'https://gitlab.com/raghav50/my-first-project.git/master'.  
C:\Projects\GitLab\MyFirstProject>
```

Activate Windows
Go to Settings to activate Windows.

Type here to search

11:52 21-05-2022

The above things means it has pushed

No go and refresh your repository on gitlab okay

Raghav / My First project · GitLab

https://gitlab.com/raghav50/my-first-project

My First project

Project ID: 36341462

1 Commit 1 Branch 0 Tags 0 Bytes Project Storage

Auto DevOps

It will automatically build, test, and deploy your application based on changes.

Learn more in the [Auto DevOps documentation](#).

Enable in settings

main my-first-project / +

Find file Web IDE Clone

Initial commit
Raghavendra Ponde authored 18 hours ago

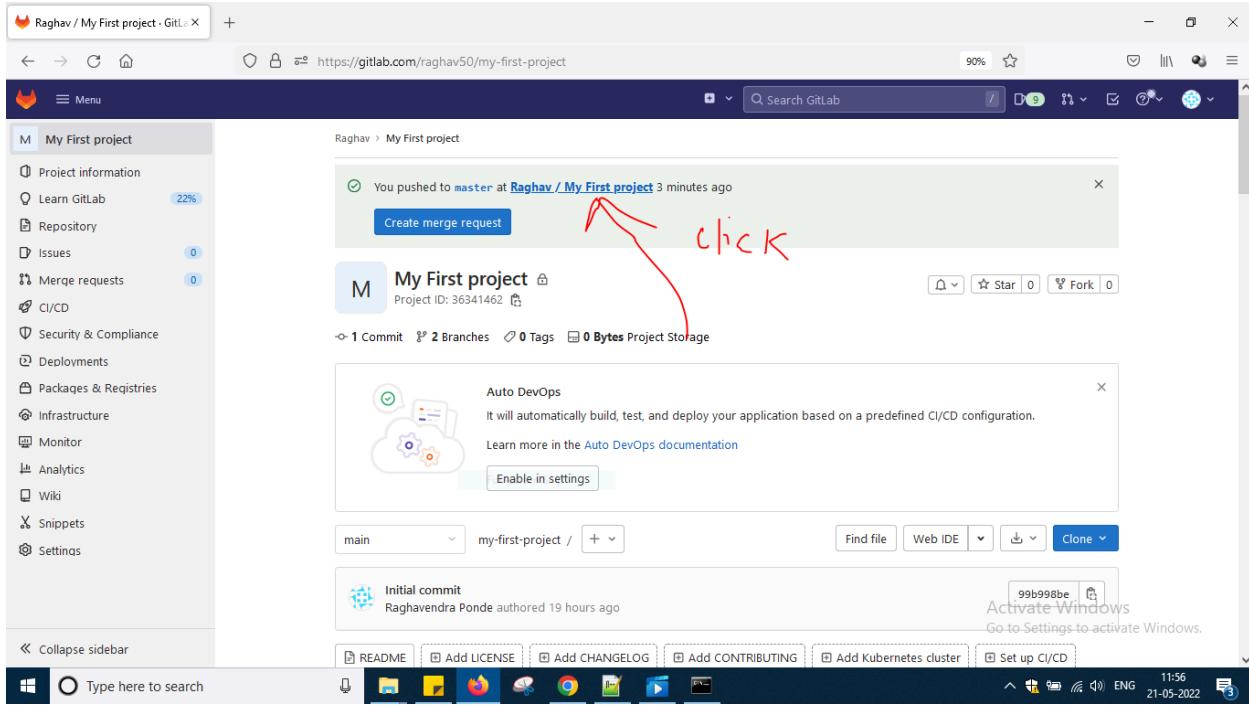
99b998be

README Add LICENSE Add CHANGELOG Add CONTRIBUTING Add Kubernetes cluster Set up CI/CD Configure Integrations

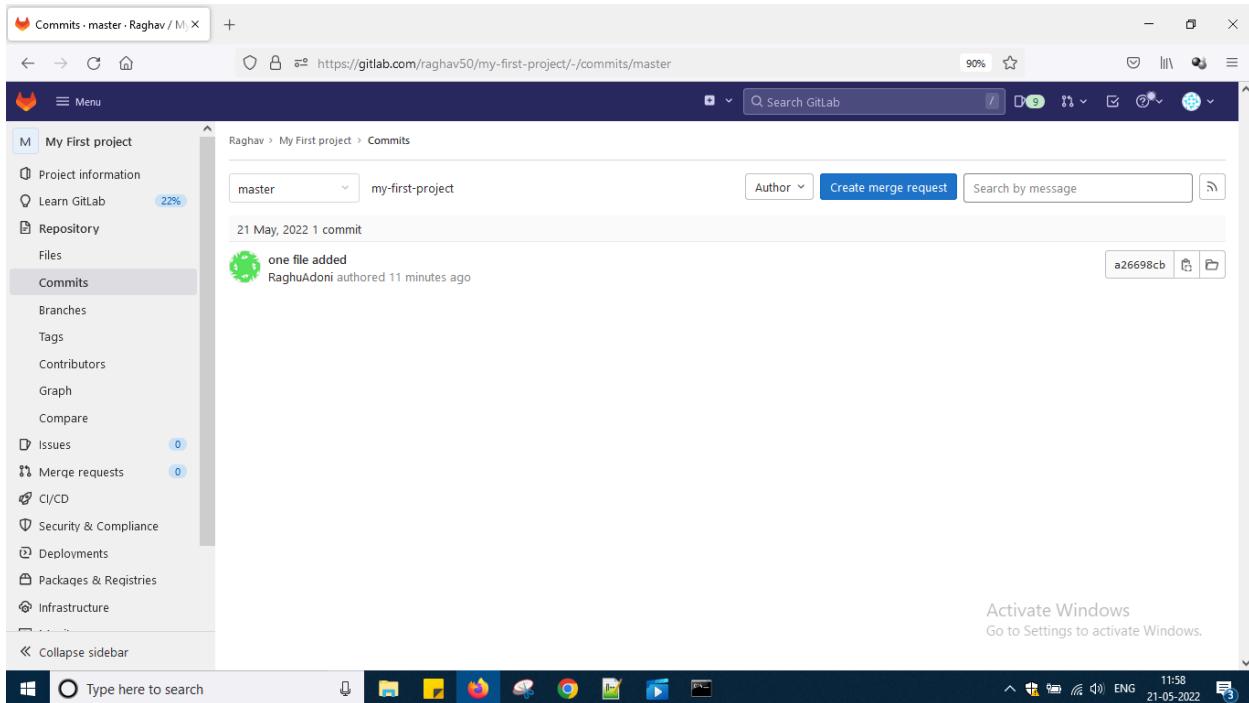
Name Last commit Last update

Activate Windows
Go to Settings to activate Windows.

Type here to search



Sorry click the master link



Click side folders

U can see the file u created

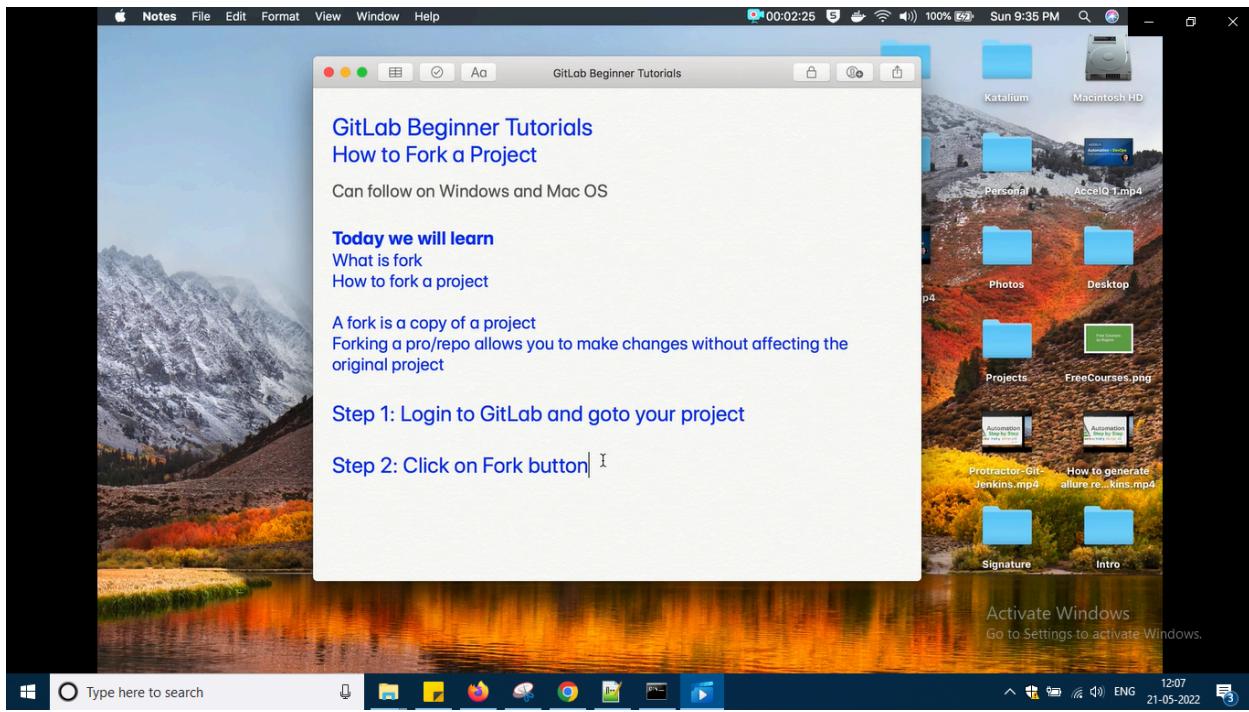
The screenshot shows a web browser window with the URL <https://gitlab.com/raghav50/my-first-project/-/tree/a26698cbc0c825fdc5e176a7b46ac778fa2f48b5>. The page displays a message: "You pushed to master 7 minutes ago" and "Create merge request". Below this, there is a commit history section showing "one file added" by "RaghavAdoni" 12 minutes ago. The commit details show "readMe.txt" was added. The sidebar on the left lists various project sections like My First project, Project information, Learn GitLab, Repository, Files, Commits, Branches, Tags, Contributors, Graph, Compare, Issues, Merge requests, CI/CD, Security & Compliance, Deployments, Packages & Registries, and Infrastructure. At the bottom right, there is an "Activate Windows" message: "Go to Settings to activate Windows." The taskbar at the bottom shows the date as 21-05-2022 and the time as 11:58.

The screenshot shows a video player window displaying a tutorial titled "GitLab Beginner Tutorials". The video frame shows a terminal window with the following text:
Step 4: Create a demo project/folder & add to git
Step 5: Goto cmd OR terminal OR git bash
CD to the location of the folder and run following commands
git init
git status
git add .
git commit -m "msg"
git push -u "url" master
Step 6 : Check project (files) added on GitLab
References
<https://www.youtube.com/playlist?list=PLhW3qG5bs-L8OjCbnX9u4Mz3At5c5GG>

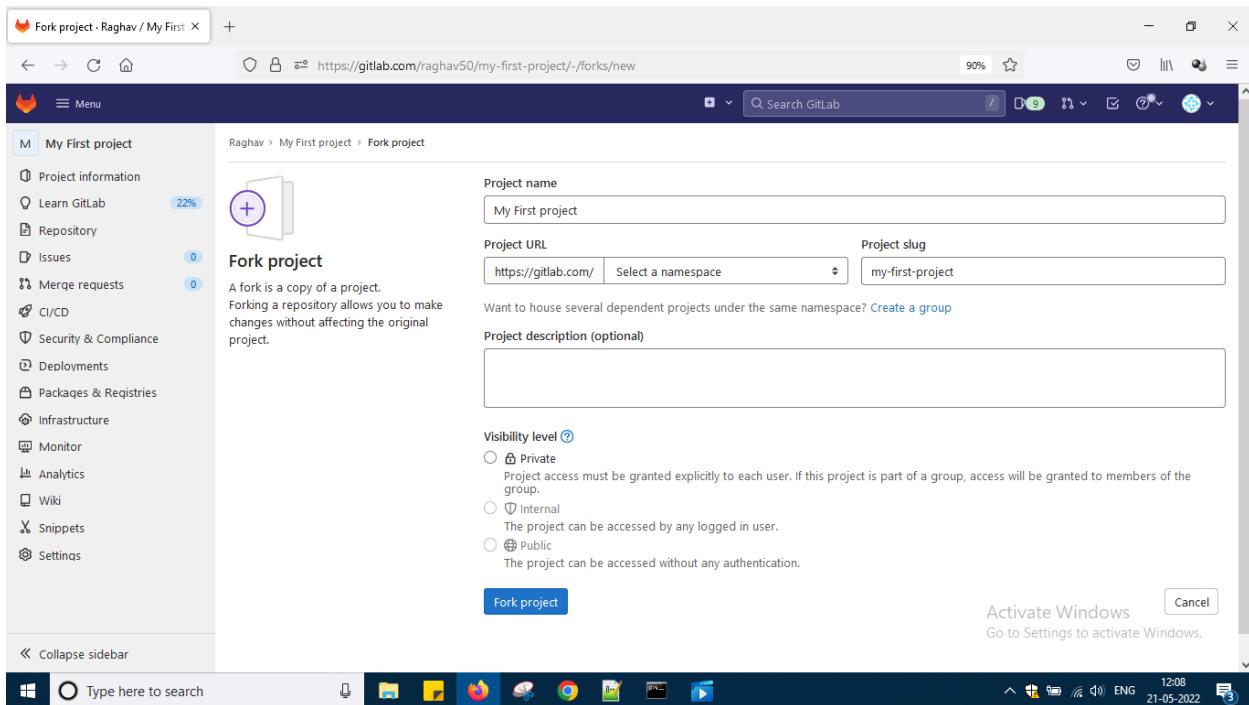
The video player interface includes a progress bar from 0:19:42 to 00:00:39, a search bar, and a toolbar with icons for volume, captions, and other media controls. The taskbar at the bottom shows the date as 21-05-2022 and the time as 11:59. It also features an "Activate Windows" message: "Go to Settings to activate Windows..."

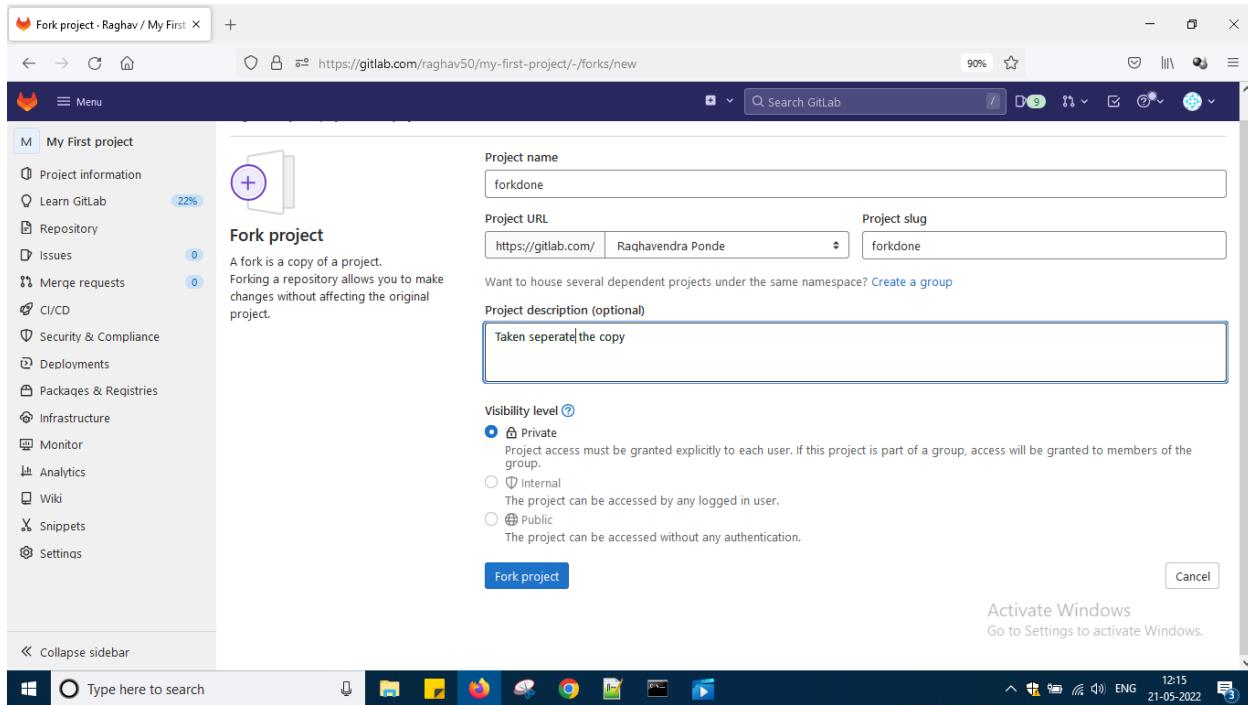
So this is the step 6 which i have done it okay

And now moving to third video which is creating a fork and here fork is not equal to branch fork is a clone and branch is not clone it is another direction where user will go and work on project u can say

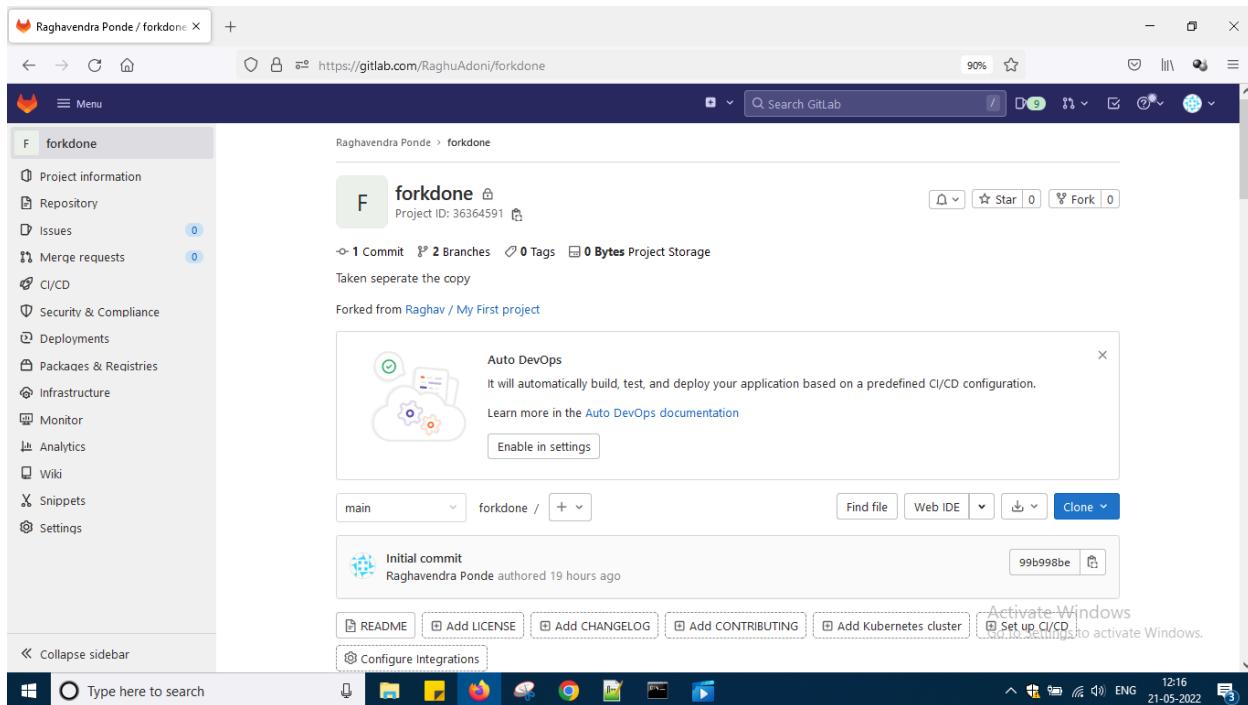


So my clicked on fork





Give some name and default namespace selected and clicked button fork project



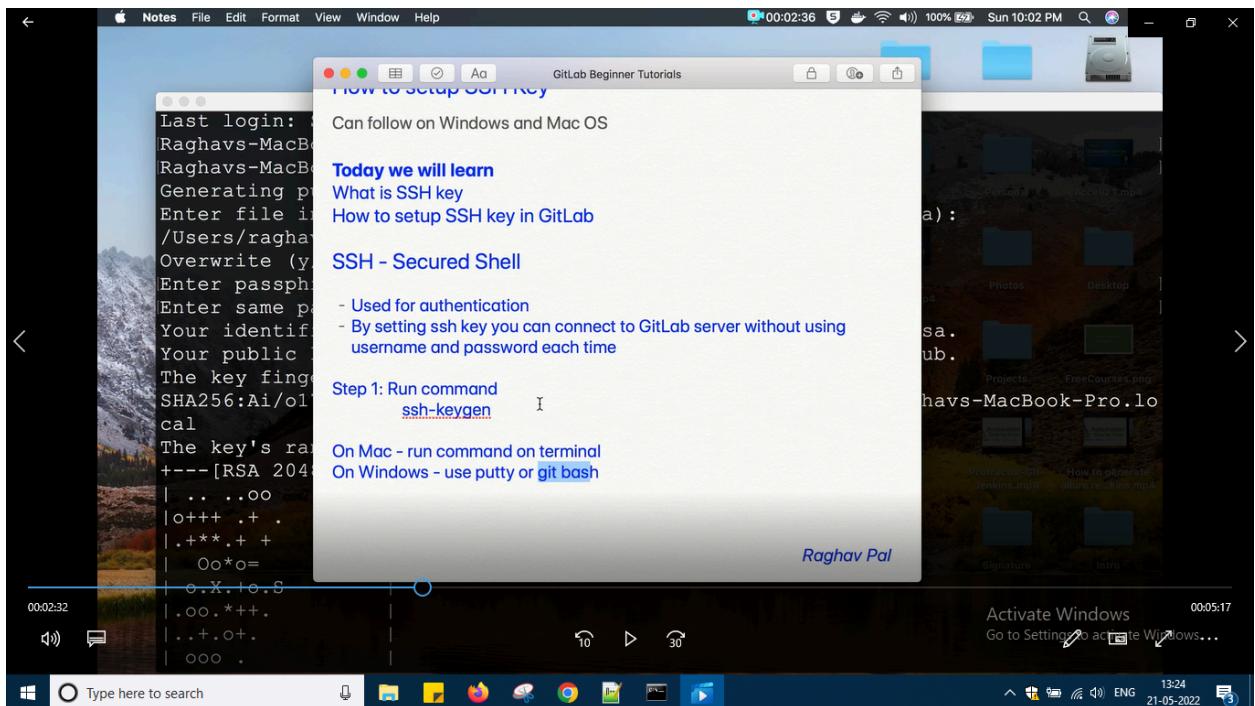
So separate copy is created here later on i can merge with master but i have not much change okay so will merge later

<https://gitlab.com/RaghavAdoni/forkdone>

This is the url of fork

And in this url also i can do some changes in my folder and can push like how i have done earlier in main branch okay

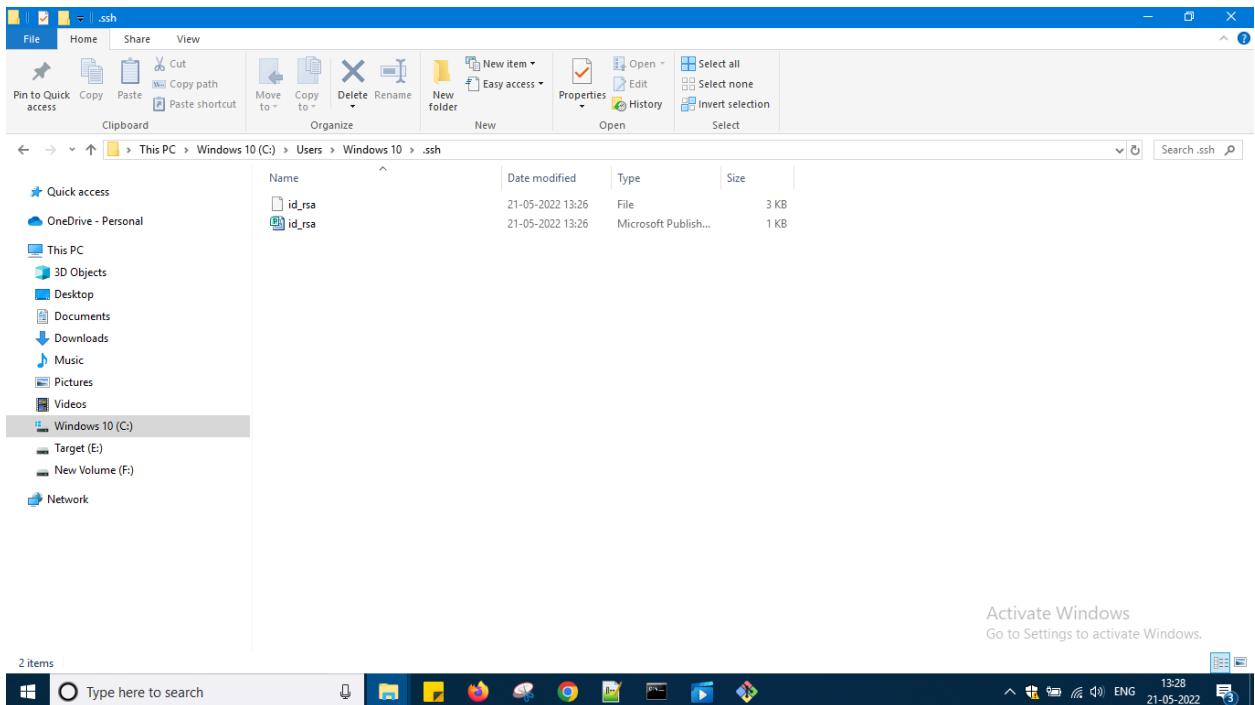
Next move to video 4



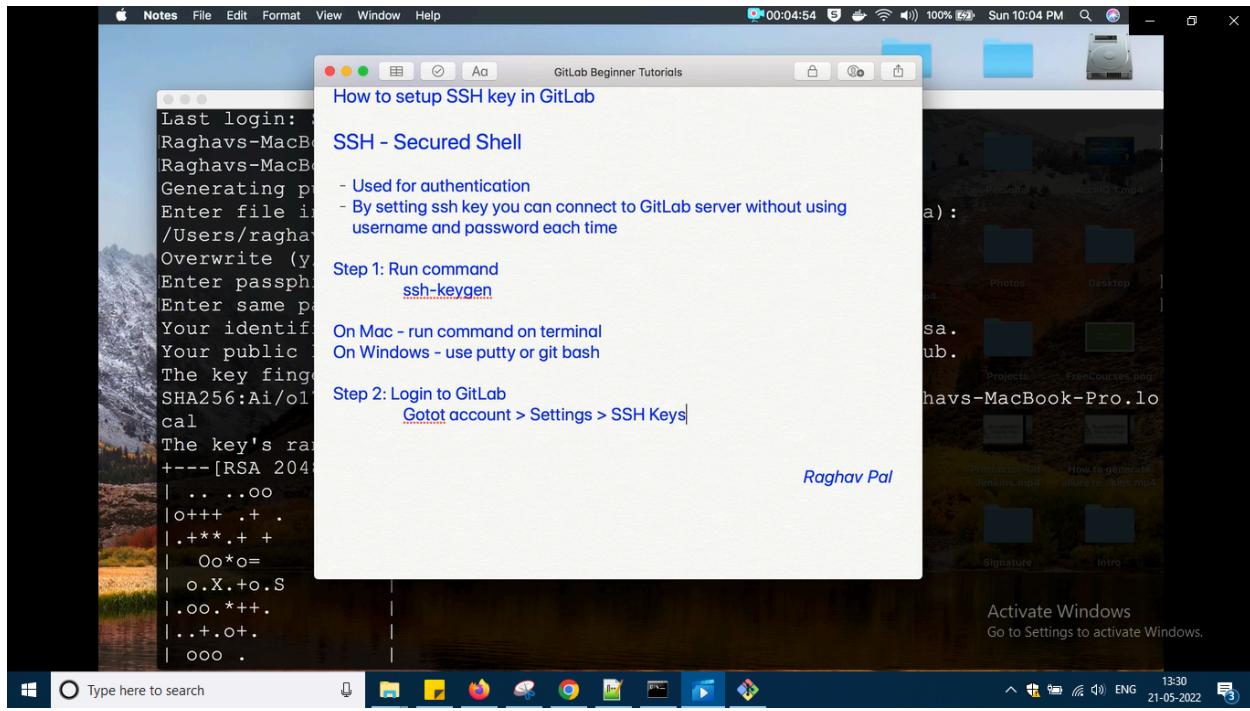
After open git bash just type the first command and after just keep on pressing enter

```
Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Windows 10/.ssh/id_rsa):
Created directory '/c/Users/Windows 10/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/Windows 10/.ssh/id_rsa
Your public key has been saved in /c/Users/Windows 10/.ssh/id_rsa.pub
The key's randomart image is:
+---[RSA 3072]---+
|   o . .o@o=|
|   * + .ox^+=+|
| E + *oo+oX.*|
| o X. o .+O |
| =S+          |
| . .          |
+----[SHA256]----+
Windows 10@DESKTOP-GVBSDNM MINGW64 ~
$ |
```

And let me go to the folder and check it



So it has created two files okay



But this has changed now so go to preferences

The 'User Settings > Preferences' page on GitLab allows customization of the application header and sidebar appearance. It includes sections for 'Navigation theme' and 'Syntax highlighting theme'. A context menu is open over the user profile section, listing options like 'Set status', 'Start an Ultimate trial', 'Edit profile', 'Preferences' (which is selected), and 'Sign out'.

And then side by ssh keys

The screenshot shows the GitLab User Settings page with the 'SSH Keys' tab selected. The left sidebar includes options like Profile, Account, Billing, Applications, Chat, Access Tokens, Emails, Password, Notifications, SSH Keys (selected), GPG Keys, Preferences, Active Sessions, Authentication log, and Usage Quotas. The main content area is titled 'SSH Keys' and explains that they allow establishing a secure connection between your computer and GitLab. It features a large text input field for 'Key' containing placeholder text about SSH key formats. Below it are fields for 'Title' (Example: MacBook key) and 'Expiration date' (dd/mm/yyyy). A note states that key titles are publicly visible and become invalid on the expiration date. A 'Add key' button is present. At the bottom, a message says 'Your SSH keys (0)' and 'Activate Windows'.

Now open that .pub file with any text editor

The screenshot shows a Notepad++ window displaying the contents of a file named 'id_rsa.pub'. The file contains an RSA public key, starting with 'ssh-rsa' and a long string of characters. The Notepad++ interface includes tabs for 'finaltarget.txt.txt' and 'id_rsa.pub', a toolbar with various icons, and status bars at the top and bottom showing file details like length and encoding.

So some code like this i can see

Copy this code here

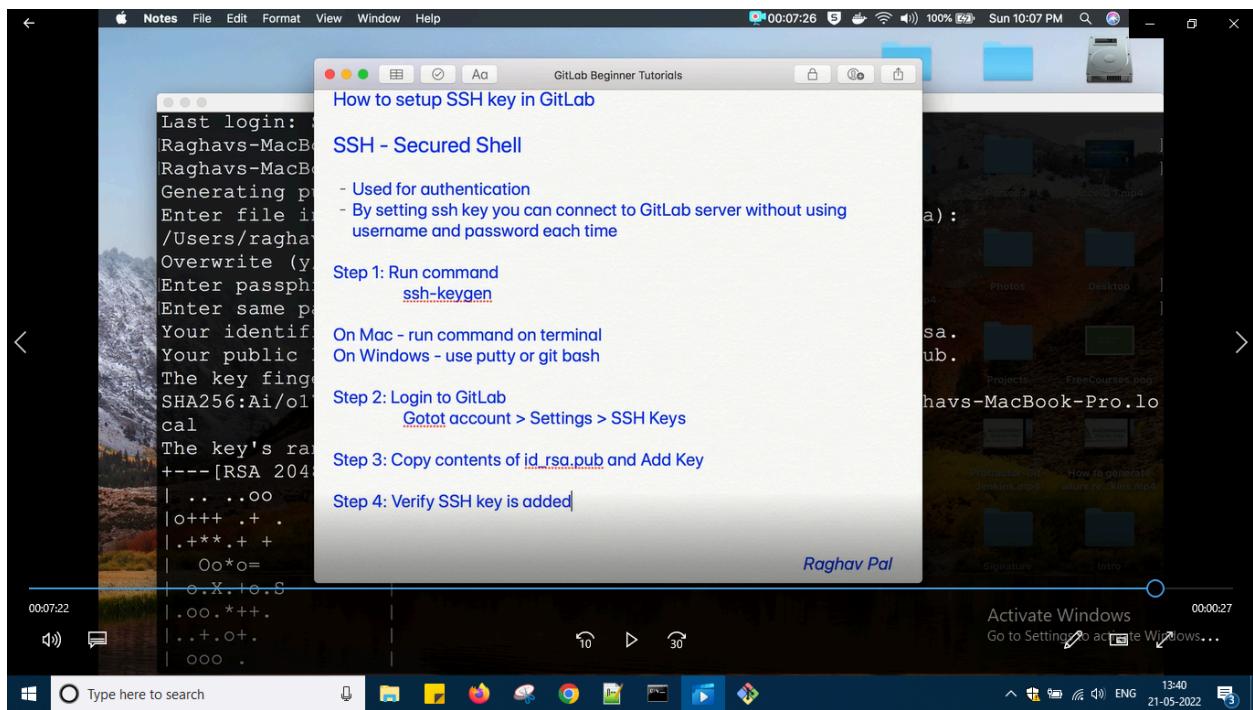
The screenshot shows the 'User Settings > SSH Keys' section of the GitLab interface. On the left sidebar, 'SSH Keys' is selected under 'User Settings'. The main area displays the 'SSH Keys' configuration with a search bar at the top. A large text input field contains a long SSH key string. Below it, there are fields for 'Title' (set to 'raghugitkey1') and 'Expiration date' (set to 'dd / mm / yyyy'). A note states 'Key titles are publicly visible.' At the bottom right of the main area is a blue 'Add key' button. Below the main area, a message says 'Your SSH keys (0)' and 'Activate Windows'. The system tray at the bottom shows the date as 21-05-2022 and time as 13:38.

And give some name to key and say addkey

The screenshot shows the details of the previously added SSH key ('raghugitkey1'). The title is 'raghugitkey1', and it was created on 'May 21, 2022 8:08am' and will never expire. The 'Delete' button is visible at the bottom right. The system tray at the bottom shows the date as 21-05-2022 and time as 13:38.

Something like this i am getting

So according to him steps

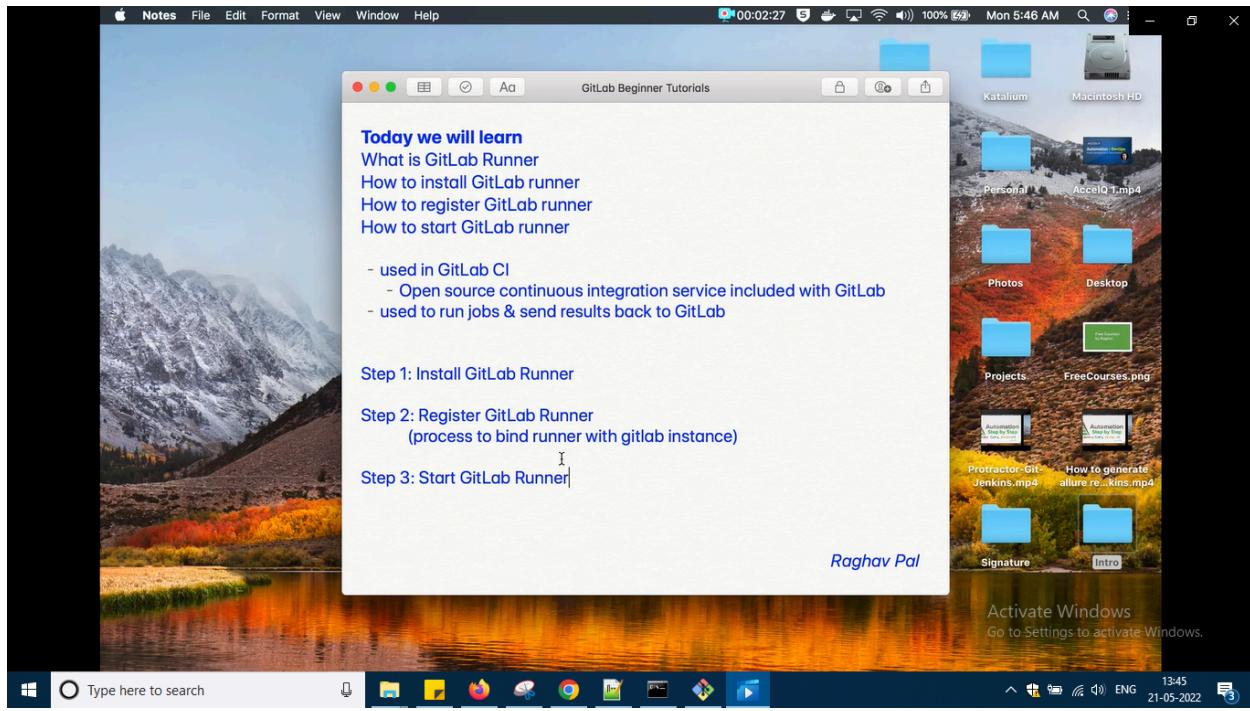


Which i had done

Now in the coming session we will discuss how we can use this ssh key .

Next video is on

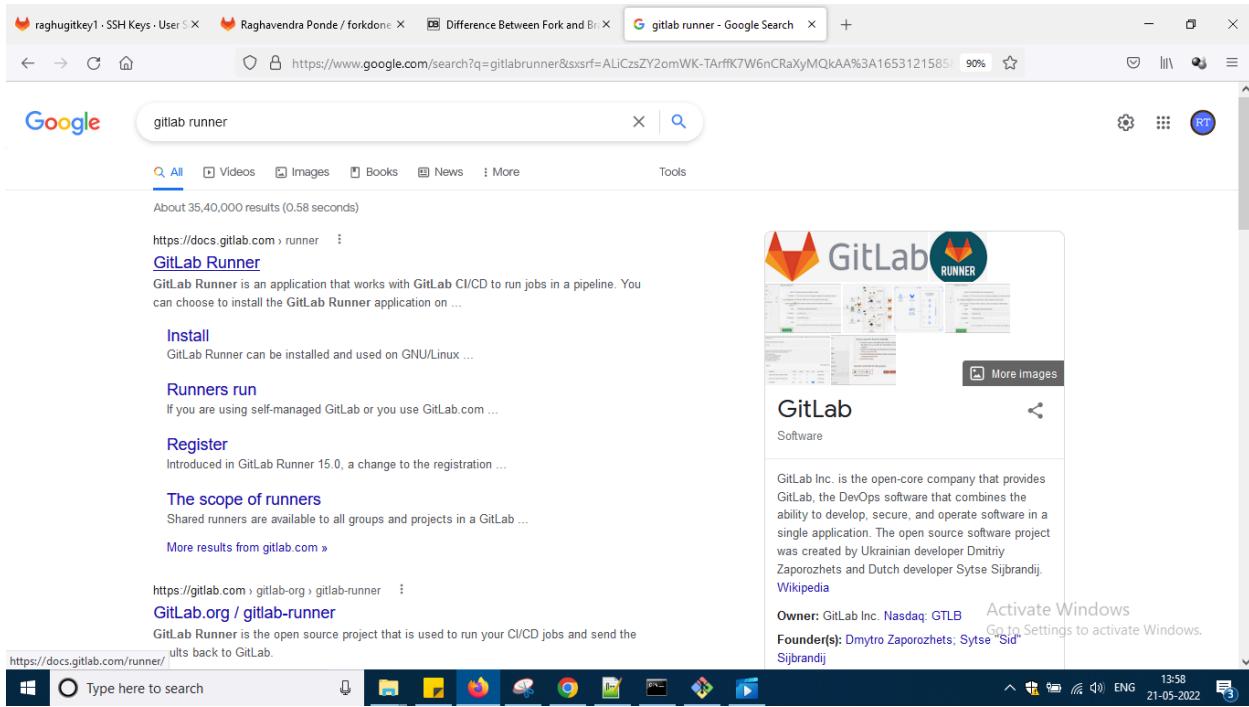
How to install Git lab runner on windows os



CI means i need not have to do modification and again upload in github or gitlab if i put in gitlab ci any changes will take effect automatically and for this CI gitlab runner is needed and but what is git lab runner to create some jobs check jobs in sql okay

So steps are given i am doing the steps now

Go to google and write gitlab runner



Come to documentation page

<https://docs.gitlab.com/runner/>

The screenshot shows the GitLab documentation page for the GitLab Runner. The sidebar on the left has a red arrow pointing to the 'Install GitLab Runner' section. The main content area lists several features of the runner, such as being written in Go, supporting multiple environments, and enabling caching of Docker containers. Below this is a diagram titled 'Runner execution flow'.

- Is written in Go and distributed as single binary without any other requirements.
- Supports Bash, PowerShell Core, and Windows PowerShell.
- Works on GNU/Linux, macOS, and Windows (pretty much anywhere you can run Docker).
- Allows customization of the job running environment.
- Automatic configuration reload without restart.
- Easy to use setup with support for Docker, Docker-SSH, Parallels, or SSH running environments.
- Enables caching of Docker containers.
- Easy installation as a service for GNU/Linux, macOS, and Windows.
- Embedded Prometheus metrics HTTP server.
- Referee workers to monitor and pass Prometheus metrics and other job-specific data to GitLab.

Runner execution flow

This diagram shows how runners are registered and how jobs are requested and handled. It also shows which actions use [registration](#), [authentication](#), and [job tokens](#).

So click that section now

<https://docs.gitlab.com/runner/install/>

The screenshot shows a browser window with the URL <https://docs.gitlab.com/runner/install/>. The page title is "Install GitLab Runner". On the left, there's a sidebar with navigation links for GitLab Docs, Learn GitLab with tutorials, Choose a subscription, Install GitLab, Install GitLab Runner (which is expanded), and Install. Under Install, there are links for Docker, FreeBSD, Kubernetes (Helm Chart), Kubernetes (Agent), Kubernetes (Operator), Linux, macOS, Windows, Bleeding edge releases, Official Linux packages, and Old GitLab Runner. A "Collapse sidebar" button is at the bottom of the sidebar. The main content area has a heading "Install GitLab Runner ALL TIERS". It says "GitLab Runner can be installed and used on GNU/Linux, macOS, FreeBSD, and Windows. You can install it:". Below this is a bulleted list: "In a container.", "By downloading a binary manually.", and "By using a repository for rpm/deb packages.". It then says "GitLab Runner officially supported binaries are available for the following architectures:" followed by a bulleted list: "x86, AMD64, ARM64, ARM, s390x, ppc64le". Next, it says "Official packages are available for the following Linux distributions:" followed by a bulleted list: "CentOS, Debian, Ubuntu, RHEL, Fedora, Mint". Then, it says "GitLab Runner officially supports the following operating systems:" followed by a bulleted list: "Linux, Windows, macOS, FreeBSD". At the bottom, it says "You can find information on the different installation methods below. You can also view installation instructions in GitLab by going to your project's **Settings > CI / CD**, expanding the **Runners** section, and clicking **Show runner installation instructions**". On the right, there's a "On this page" sidebar with links to FIPS compliant GitLab Runner, FIPS compliant GitLab Runner in RHEL, FIPS compliant GitLab Runner in other systems and architectures, Repositories, Binaries, Containers, Autoscale, and Help and feedback. A "Activate Windows" section is also present.

Still scrolling down the page we can find different options

The screenshot shows the same browser window as before, but now the "Binaries" section is visible. The sidebar remains the same. The main content area has a heading "Binaries". Below it is a bulleted list: "Install on GNU/Linux", "Install on macOS", "Install on Windows", "Install on FreeBSD", and "Install nightly builds". Further down, there are sections for "Containers" (with links to "Install as a Docker service", "Install on Kubernetes", "Install using the agent for Kubernetes", and "Install as GitLab Runner Operator") and "Autoscale" (with links to "Install in autoscaling mode using Docker machine" and "Install the registry and cache servers"). The "On this page" sidebar and "Activate Windows" section are also present.

Click on the link install on windows in binaries

<https://docs.gitlab.com/runner/install/windows.html>

With GitLab Runner 10, the executable was renamed to `gitlab-runner`. If you want to install a version prior to GitLab Runner 10, visit [the old docs](#).

1. Create a folder somewhere in your system, ex.: `C:\GitLab-Runner`.
2. Download the binary for [64-bit](#) or [32-bit](#) and put it into the folder you created. The following assumes you have renamed the binary to `gitlab-runner.exe` (optional). You can download a binary for every available version as described in [Bleeding Edge - download any other tagged release](#).
3. Make sure to restrict the `Write` permissions on the GitLab Runner directory and executable. If you do not set these permissions, regular users can replace the executable with their own and run arbitrary code with elevated privileges.
4. Run an [elevated command prompt](#).
5. [Register a runner](#).
6. Install GitLab Runner as a service and start it. You can either run the service using the Built-in System Account (recommended) or using a user account.

Run service using Built-in System Account (under directory created in step 1. from above, ex: `C:\GitLab-Runner`)

```
cd C:\GitLab-Runner  
.gitlab-runner.exe install  
.gitlab-runner.exe start
```

Account (recommended) or using a user account.

Run service using Built-in System Account (under directory created in step 1. from above, ex: `C:\GitLab-Runner`)

```
cd C:\GitLab-Runner  
.gitlab-runner.exe install  
.gitlab-runner.exe start
```

Run service using user account (under directory created in step 1. from above, ex: `C:\GitLab-Runner`)

You have to enter a valid password for the current user account, because it's required to start the service by Windows:

```
cd C:\GitLab-Runner  
.gitlab-runner.exe install --user ENTER-YOUR-USERNAME --password ENTER-YOUR-PASSWORD  
.gitlab-runner.exe start
```

See the [troubleshooting section](#) if you encounter any errors during the GitLab Runner installation.

7. (Optional) Update the runner's concurrent value in `C:\GitLab-Runner\config.toml` to allow multiple concurrent jobs as detailed in [advanced configuration details](#). Additionally, you can use the advanced `--concurrent` parameter when starting the service. You can use the advanced `--service` parameter to specify Batch or PowerShell rather than Batch.

7. (Optional) Update the runner's concurrent value in C:\GitLab-Runner\config.toml to allow multiple concurrent jobs as detailed in [advanced configuration details](#). Additionally, you can use the advanced configuration details to update your shell executor to use Bash or PowerShell rather than Batch.

Voila! Runner is installed, running, and will start again after each system reboot. Logs are stored in Windows Event Log.

Update

- Stop the service (you need an [elevated command prompt](#) as before):

```
cd C:\GitLab-Runner  
.gitlab-runner.exe stop
```
- Download the binary for [64-bit](#) or [32-bit](#) and replace runner's executable. You can download a binary for every available version as described in [Bleeding Edge - download any other tagged release](#).
- Start the service:

```
.gitlab-runner.exe start
```

Uninstall

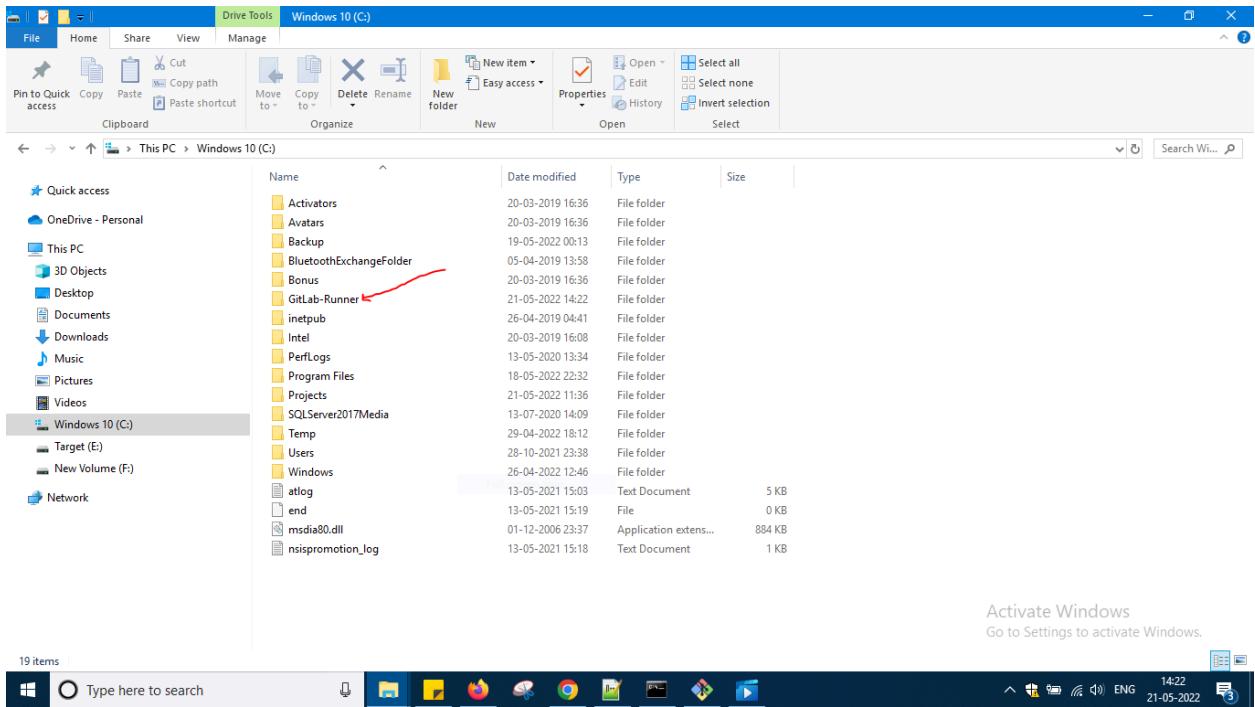
From an [elevated command prompt](#):

```
cd C:\GitLab-Runner  
.gitlab-runner.exe stop  
.gitlab-runner.exe uninstall  
cd ..  
rmdir /s GitLab-Runner
```

So all i had pasted here

So as per instructions

Go to c drive and create a folder like this and u can create anywhere okay



The screenshot shows a web browser window with the URL <https://docs.gitlab.com/runner/install/windows.html>. The page title is "Install GitLab Runner on Windows".

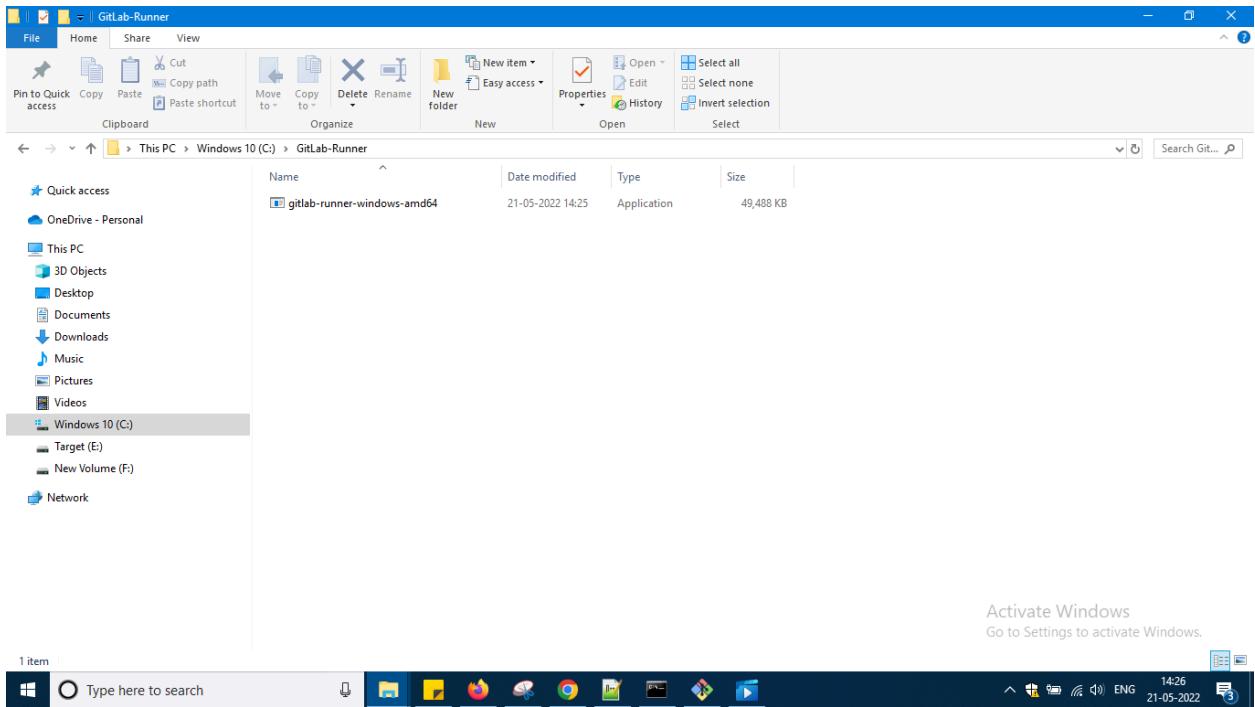
Note: With GitLab Runner 10, the executable was renamed to `gitlab-runner`. If you want to install a version prior to GitLab Runner 10, visit [the old docs](#).

Installation

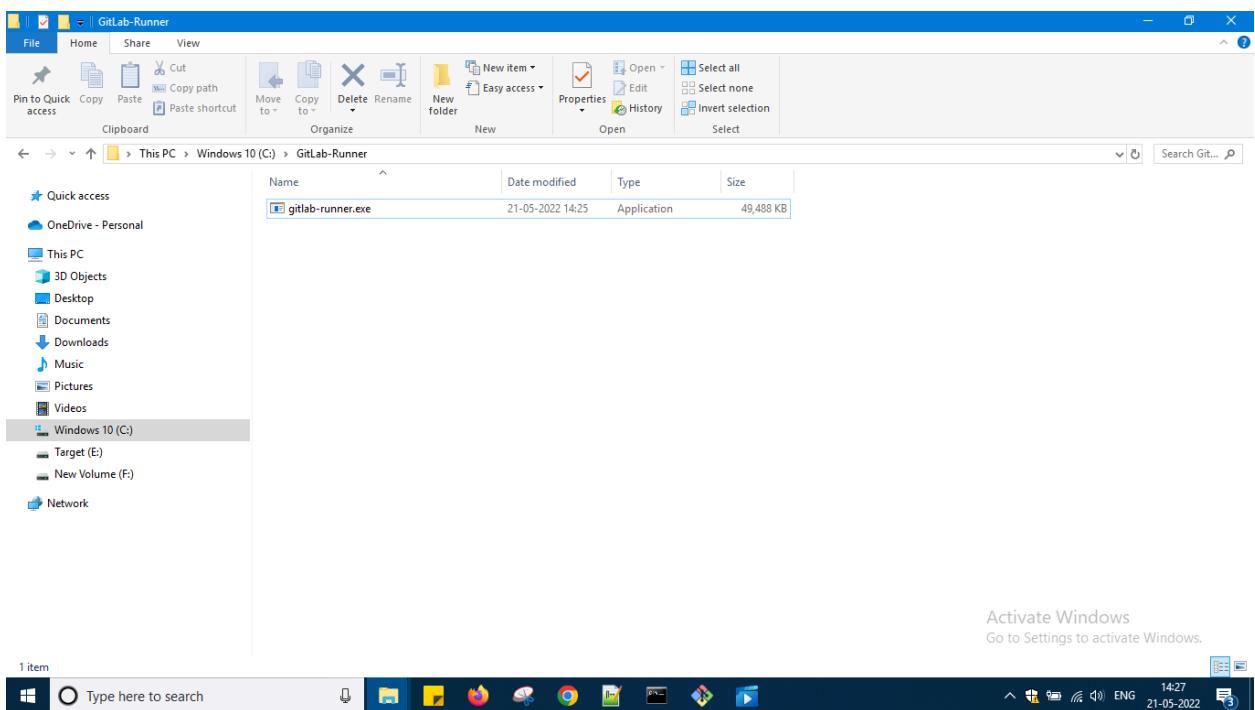
1. Create a folder somewhere in your system, ex: `C:\GitLab-Runner`.
2. Download the binary for [64-bit](#) or [32-bit](#) and put it into the folder you created. The following assumes you have renamed the binary to `gitlab-runner.exe` (optional). You can download a binary for every available version as described in [Bleeding Edge - download any other tagged release](#).
3. Make sure to restrict the Write permissions on the GitLab Runner directory and executable. If you do not set these permissions, regular users can replace the executable with their own and run arbitrary code with elevated privileges.
4. Run an [elevated command prompt](#):

So download the binary for 64 bit

And paste it in GitLab-Runner folder the binary exe



And renamed to

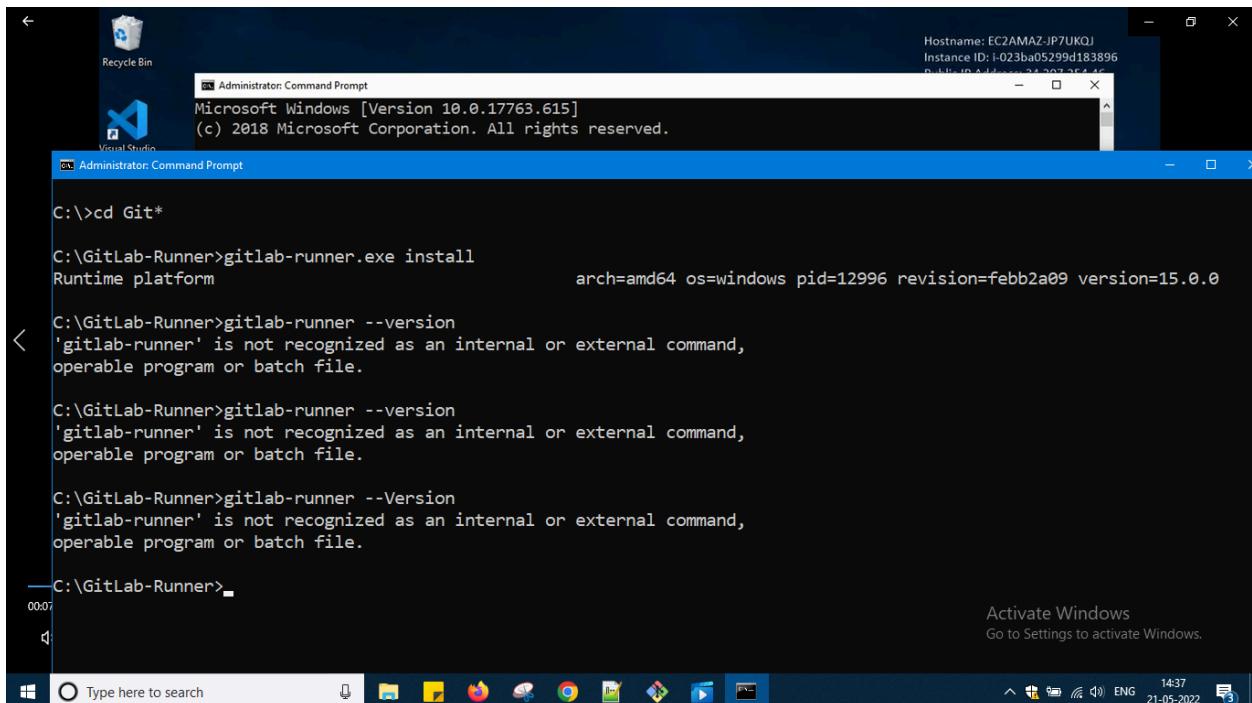


Next open command prompt as administrator that is what elevated means i guess

And type the following command

```
C:\GitLab-Runner>gitlab-runner.exe install
Runtime platform
arch=amd64 os=windows pid=12996 revision=febb2a09 version=15.0.0
```

And the version command is not working



A screenshot of a Windows 10 desktop. In the center is an 'Administrator: Command Prompt' window titled 'Microsoft Windows [Version 10.0.17763.615]'. The window shows the following command-line session:

```
C:\>cd Git*
C:\GitLab-Runner>gitlab-runner.exe install
Runtime platform
arch=amd64 os=windows pid=12996 revision=febb2a09 version=15.0.0

C:\GitLab-Runner>gitlab-runner --version
'gitlab-runner' is not recognized as an internal or external command,
operable program or batch file.

C:\GitLab-Runner>gitlab-runner --version
'gitlab-runner' is not recognized as an internal or external command,
operable program or batch file.

C:\GitLab-Runner>gitlab-runner --Version
'gitlab-runner' is not recognized as an internal or external command,
operable program or batch file.

C:\GitLab-Runner>
```

The taskbar at the bottom shows various pinned icons including File Explorer, Edge, and File History. A search bar says 'Type here to search'. The system tray shows the date as '21-05-2022' and the time as '14:37'. A watermark in the bottom right corner reads 'Activate Windows Go to Settings to activate Windows.'

Let it be

A screenshot of a Windows desktop. In the center is a terminal window titled 'MINGW64/c/gitlab-runner'. The terminal shows the following command history:

```
o * .o*{0=|  
* + .oX*=+|  
E + *oo+oX.*|  
o X. o.+.O |  
=S+ |  
.  
+-----[SHA256]----+  
Windows 10@DESKTOP-GVBSDNM MINGW64 ~  
$ cd c:  
Windows 10@DESKTOP-GVBSDNM MINGW64 /c  
$ cd gitlab-runner  
Windows 10@DESKTOP-GVBSDNM MINGW64 /c/gitlab-runner  
$ gitlab-runner --version  
bash: gitlab-runner: command not found  
Windows 10@DESKTOP-GVBSDNM MINGW64 /c/gitlab-runner  
$ git gitlab-runner --version  
git: 'gitlab-runner' is not a git command. See 'git --help'.  
Windows 10@DESKTOP-GVBSDNM MINGW64 /c/gitLab-runner  
$
```

The terminal ends with the message 'Let it be'.

Below the terminal is a status bar with 'Activate Windows' and a link to 'Go to Settings to activate Windows'. At the bottom is a taskbar with various icons and a system tray showing the date and time as '21-05-2022 14:38'.

In git bash also version command is not working let it be but it has got installed

And then i tied this

A screenshot of a Windows desktop. At the top is a browser window showing the 'GitLab Docs' page. Below it is an 'Administrator: Command Prompt' window. The command prompt shows the following output:

```
C:\GitLab-Runner>gitlab-runner install --password SelfConfidence  
'gitlab-runner' is not recognized as an internal or external command,  
operable program or batch file.  
  
C:\GitLab-Runner>gitlab-runner.exe install --password SelfConfidence  
Runtime platform arch=amd64 os=windows pid=15548 revision=febb2a09 version=15.0.0  
FATAL: Failed to install gitlab-runner: service gitlab-runner already exists  
  
C:\GitLab-Runner>gitlab-runner.exe start  
Runtime platform arch=amd64 os=windows pid=3980 revision=febb2a09 version=15.0.0  
FATAL: Failed to start gitlab-runner: An instance of the service is already running.  
  
C:\GitLab-Runner>
```

At the bottom is a taskbar with various icons and a system tray showing the date and time as '21-05-2022 14:50'.

And done some troubleshoot from the documentaiton

This error can occur when the user used to execute the service doesn't have the `SeServiceLogonRight` permission. In this case, you need to add this permission for the chosen user and then try to start the service again.

1. Go to *Control Panel > System and Security > Administrative Tools*.
2. Open the *Local Security Policy* tool.
3. Choose the *Security Settings > Local Policies > User Rights Assignment* on the list on the left.
4. Open the *Log on as a service* on the list on the right.
5. Click the *Add User or Group...* button.
6. Add the user ("by hand" or using *Advanced...* button) and apply the settings.

According to [Microsoft's documentation](#) this should work for: Windows Vista, Windows Server 2008, Windows 7, Windows 8.1, Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2012, and Windows 8.

The *Local Security Policy* tool may be not available in some Windows versions - for example in "Home Edition" variant of each version.

After adding the `SeServiceLogonRight` for the user used in service configuration, the command `gitlab-runner start` should finish without failures and the service should be started properly.

And then it is saying already running so it is running now now let me do other tasks

Now i need to register gitlab runner

So there is a link for that

With GitLab Runner 10, the executable was renamed to `gitlab-runner`. If you want to install a version prior to GitLab Runner 10, [visit the old docs](#).

1. Create a folder somewhere in your system, ex.: `C:\GitLab-Runner`.
2. Download the binary for [64-bit](#) or [32-bit](#) and put it into the folder you created. The following assumes you have renamed the binary to `gitlab-runner.exe` (optional). You can download a binary for every available version as described in [Bleeding Edge - download any other tagged release](#).
3. Make sure to restrict the `Write` permissions on the GitLab Runner directory and executable. If you do not set these permissions, regular users can replace the executable with their own and run arbitrary code with elevated privileges.
4. Run an [elevated command prompt](#).
5. [Register a runner](#).
6. Install GitLab Runner as a service and start it. You can either run the service using the Built-in System Account (recommended) or using a user account.

Run service using Built-in System Account (under directory created in step 1. from above, ex.: `C:\GitLab-Runner`)

```
cd C:\GitLab-Runner  
.gitlab-runner.exe install  
.gitlab-runner.exe start
```

Click that

The screenshot shows a Windows desktop environment. A browser window is open to the GitLab documentation page at <https://docs.gitlab.com/runner/register/index.html>. The left sidebar is collapsed. On the right, under the heading "On this page", the "Windows" section is highlighted. A tooltip appears over the "gitlab-ci coordinator URL" link, displaying the URL <https://gitlab.com>. The taskbar at the bottom shows various pinned icons.

Scroll down and look for windows

This screenshot shows the same setup as the previous one, but with the sidebar expanded. The "Windows" section is now the active tab under "On this page". The rest of the content and the taskbar remain the same.

```
Hostname: EC2AMAZ-JP7UKQJ
Instance ID: i-023ba05299d183896
Public IP Address: 24.207.214.45

Administrator: Command Prompt
C:\GitLab-Runner>
C:\GitLab-Runner>

Runtime platform          arch=amd64 os=windows pid=15548 revision=febb2a09 version=15.0.0
FATAL: Failed to install gitlab-runner: service gitlab-runner already exists

C:\GitLab-Runner>gitlab-runner.exe start
Runtime platform          arch=amd64 os=windows pid=3980 revision=febb2a09 version=15.0.0
FATAL: Failed to start gitlab-runner: An instance of the service is already running.

C:\GitLab-Runner>gitlab-runner.exe stop
Runtime platform          arch=amd64 os=windows pid=27524 revision=febb2a09 version=15.0.0

C:\GitLab-Runner>
```

Activate Windows
Go to Settings to activate Windows.

Once stop it and then

```
Administrator: Command Prompt - gitlab-runner.exe register
Runtime platform          arch=amd64 os=windows pid=15548 revision=febb2a09 version=15.0.0
FATAL: Failed to install gitlab-runner: service gitlab-runner already exists

C:\GitLab-Runner>gitlab-runner.exe start
Runtime platform          arch=amd64 os=windows pid=3980 revision=febb2a09 version=15.0.0
FATAL: Failed to start gitlab-runner: An instance of the service is already running.

C:\GitLab-Runner>gitlab-runner.exe stop
Runtime platform          arch=amd64 os=windows pid=27524 revision=febb2a09 version=15.0.0

C:\GitLab-Runner>gitlab-runner.exe register
Runtime platform          arch=amd64 os=windows pid=19568 revision=febb2a09 version=15.0.0
Enter the GitLab instance URL (for example, https://gitlab.com/):
https://gitlab.com/
Enter the registration token:
yt

0:11

Activate Windows
Go to Settings to activate Windows.
```

So now typed register and gitlab url pasted and now token asking so go to gitlab

Got to project and in that setting and in that ci cd

A screenshot of a web browser showing the 'General · Settings · Raghav' page on GitLab. The URL is <https://gitlab.com/raghav50/my-first-project/edit>. The page title is 'Raghav > My First project > General Settings'. On the left, there is a sidebar with a tree view of project settings. The 'General' section is currently selected, highlighted with a red arrow. Other sections like 'CI/CD', 'Snippets', and 'Settings' are also visible. The main content area shows fields for 'Project name' (My First project), 'Project ID' (36341462), 'Topics' (Search for topic), and 'Project description (optional)' (with a 'Full-screen Snip' button). Below these is a 'Project avatar' section with a placeholder 'M' and a 'Choose file...' button. A red arrow points from the 'General' sidebar item to the 'Project name' field. Another red arrow points from the 'CI/CD' sidebar item to the 'CI/CD' section in the main content.

And in that runners and expand

A screenshot of a web browser showing the 'CI/CD Settings · CI/CD · S' page on GitLab. The URL is https://gitlab.com/raghav50/my-first-project/-/settings/ci_cd. The page title is 'My First project > CI/CD Settings'. The sidebar on the left shows project information and a collapsed 'CI/CD' section. The main content area has a heading 'Auto DevOps' with a 'Collapse' button. Below it is a 'Runners' section with a 'Runners are processes that pick up and execute CI/CD jobs for GitLab. How do I configure runners?' paragraph. It includes a list: '• **active** - Available to run jobs.' and '• **paused** - Not available to run jobs.' To the right is a 'Specific runners' section and a 'Shared runners' section. The 'Shared runners' section contains text about shared runners on GitLab.com running in autoscale mode and being powered by Google Cloud Platform. A red arrow points from the 'Runners' section heading to the 'Runners' section in the main content.

After scrolling

The screenshot shows a web browser window with the URL https://gitlab.com/raghav50/my-first-project/-/settings/ci_cd. The page is titled "CI/CD Settings - CI/CD". On the left, there's a sidebar for "My First project" with various project management options. The main content area is divided into two sections: "Specific runners" and "Shared runners". The "Specific runners" section contains instructions to set up a runner for the project, including a registration token: `GR1348941YXDC_Q5WMETfc1BsLXLb`. The "Shared runners" section shows a list of 42 available runners, with tags like docker, east-c, gce, git-annex, linux, mongo, mysql, postgres, ruby, and shared. A toggle switch is shown for enabling shared runners for the project.

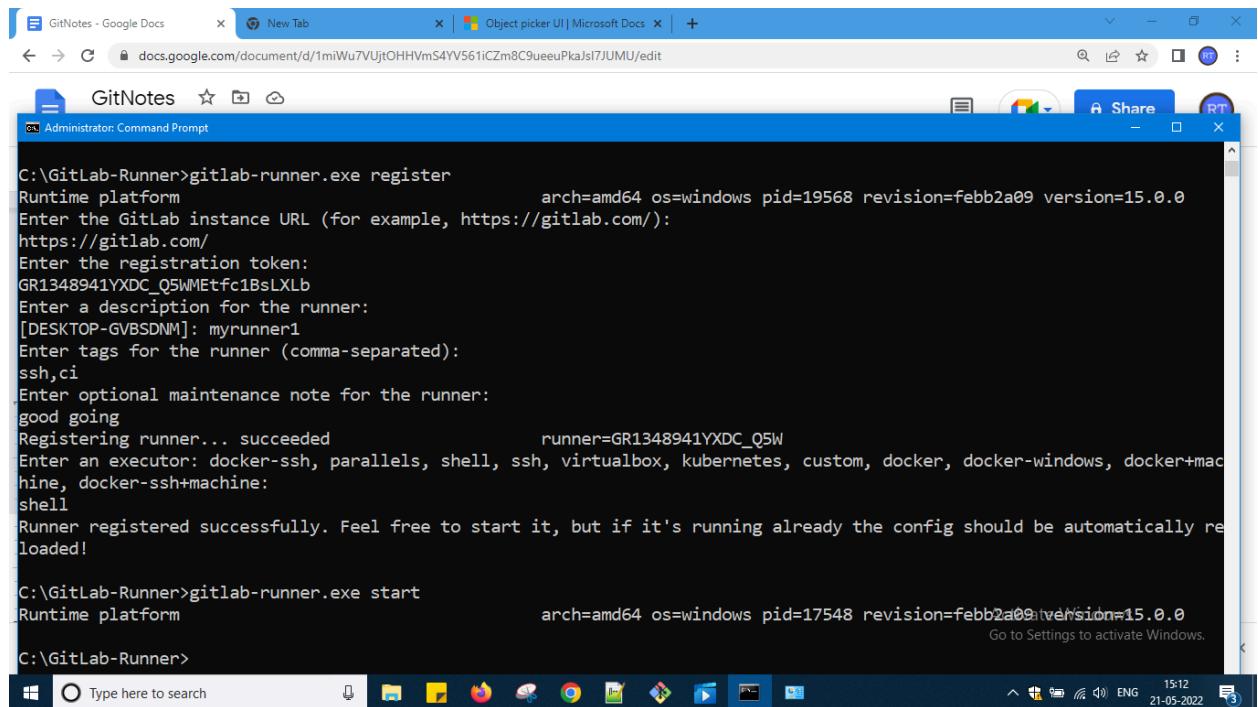
So u can see there the token

Paste the token and after pasting the token

```
C:\GitLab-Runner>gitlab-runner.exe register
Runtime platform          arch=amd64 os=windows pid=19568 revision=febb2a09 version=15.0.0
Enter the GitLab instance URL (for example, https://gitlab.com/):
https://gitlab.com/
Enter the registration token:
GR1348941YXDC_Q5WMETfc1BsLXLb
Enter a description for the runner:
[DESKTOP-GVBSDNM]: myrunner1
Enter tags for the runner (comma-separated):
ssh,ci
Enter optional maintenance note for the runner:
good going
Registering runner... succeeded           runner=GR1348941YXDC_Q5W
Enter an executor: docker-ssh, parallels, shell, ssh, virtualbox, kubernetes, custom, docker, docker-windows, docker+mac
hine, docker-ssh+machine:
shell
Runner registered successfully. Feel free to start it, but if it's running already the config should be automatically re
loaded!
C:\GitLab-Runner>
```

Some name i have given and this technology ssh,ci i will using said and optional note given as a new question they are asking and then chosen shell to execute okay

And now again i written this command which is there at the last okay u can check the flow i am in sequence of steps only

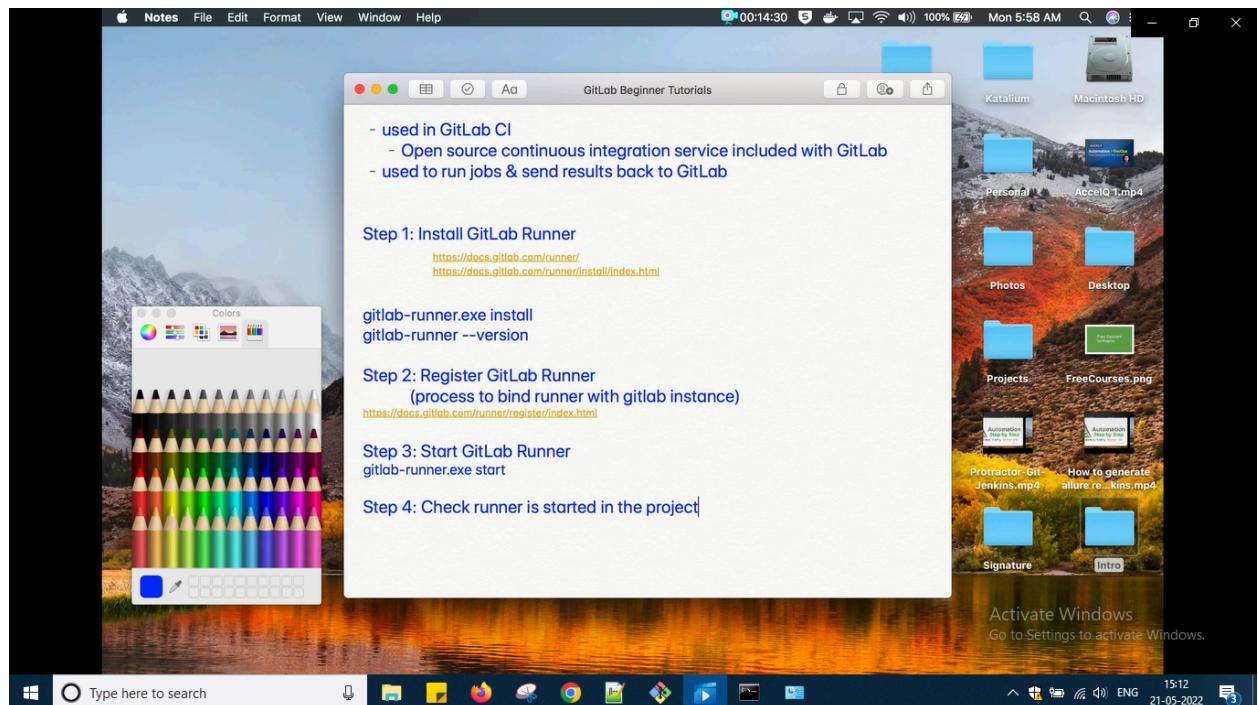


```
C:\GitLab-Runner>gitlab-runner.exe register
Runtime platform arch=amd64 os=windows pid=19568 revision=febb2a09 version=15.0.0
Enter the GitLab instance URL (for example, https://gitlab.com/):
https://gitlab.com/
Enter the registration token:
GR1348941YXDC_Q5WMEtfc1BsLXLb
Enter a description for the runner:
[DESKTOP-GVBSDNM]: myrunner1
Enter tags for the runner (comma-separated):
ssh,ci
Enter optional maintenance note for the runner:
good going
Registering runner... succeeded runner=GR1348941YXDC_Q5W
Enter an executor: docker-ssh, parallels, shell, ssh, virtualbox, kubernetes, custom, docker, docker-windows, docker+machine, docker-ssh+machine:
shell
Runner registered successfully. Feel free to start it, but if it's running already the config should be automatically reloaded!

C:\GitLab-Runner>gitlab-runner.exe start
Runtime platform arch=amd64 os=windows pid=17548 revision=febb2a09 version=15.0.0
Go to Settings to activate Windows.

C:\GitLab-Runner>
```

His slide



And now it is running in the project or not means go to setting and ci cd of settings and there down scroll where u have taken the token to copy

So under runners tab

It is there

The screenshot shows the GitLab interface for managing CI/CD runners. On the left, a sidebar lists various project management sections like Project information, Learn GitLab, Repository, Issues, Merge requests, CI/CD, Security & Compliance, Deployments, Packages & Registries, Infrastructure, Monitor, Analytics, Wiki, Snippets, and Settings. The 'Settings' section is currently selected.

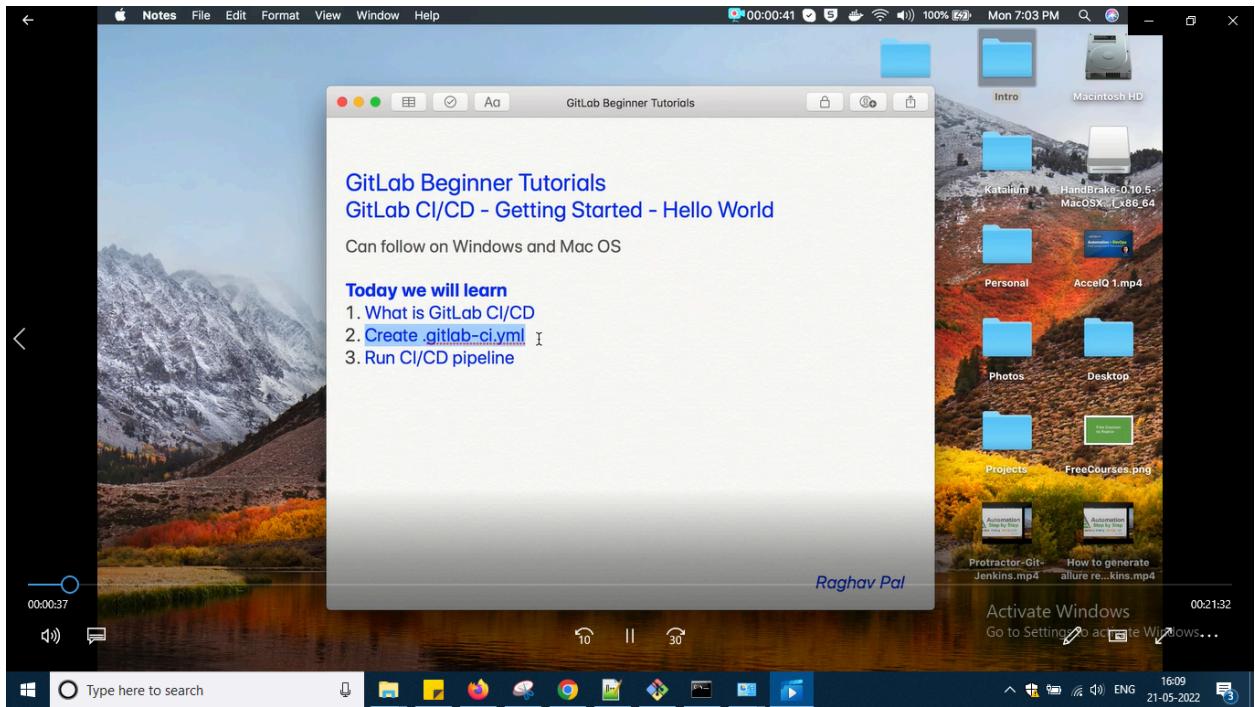
In the main content area, under 'CI/CD Settings - CI/CD', the 'Runners' tab is active. A message at the top indicates that runners are paused. The 'Specific runners' section contains instructions for setting up a runner for the project, including a registration token:

```
GR1348941YXDC_05WMetfc18sLXLb
```

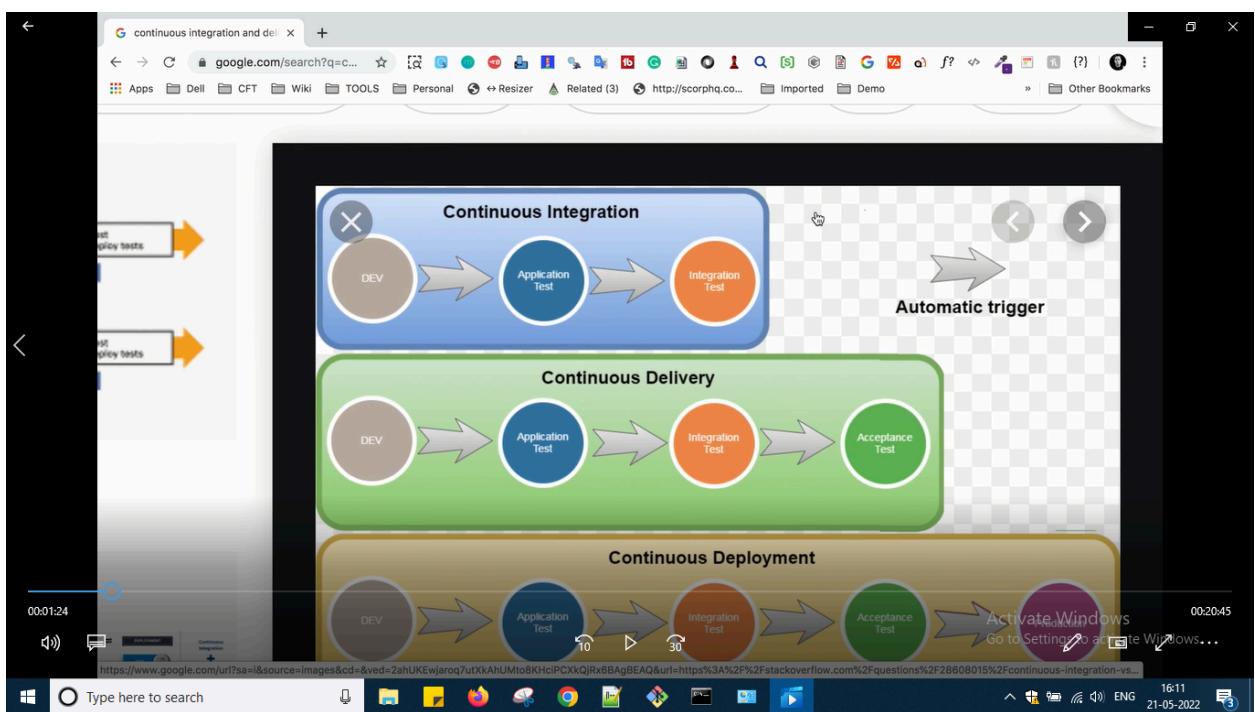
Below this, a red arrow points to the 'Available specific runners' section, which lists a single runner named 'myrunner1' with the ID '#15495944'. To the right of this section, there's a 'Shared runners' section and a summary of available shared runners (42).

So this runner can run the job which we will c in the next video session which is the last one of this okay .

Now let us do CI CD demo last one



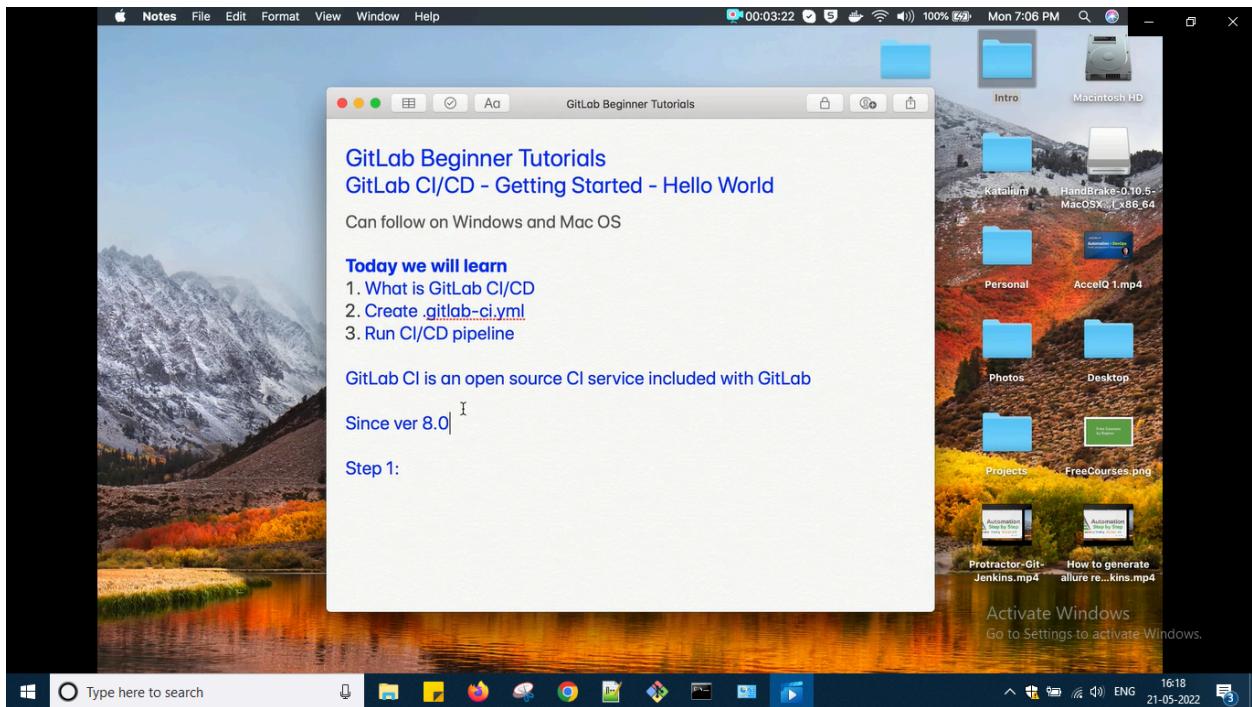
Look at the image



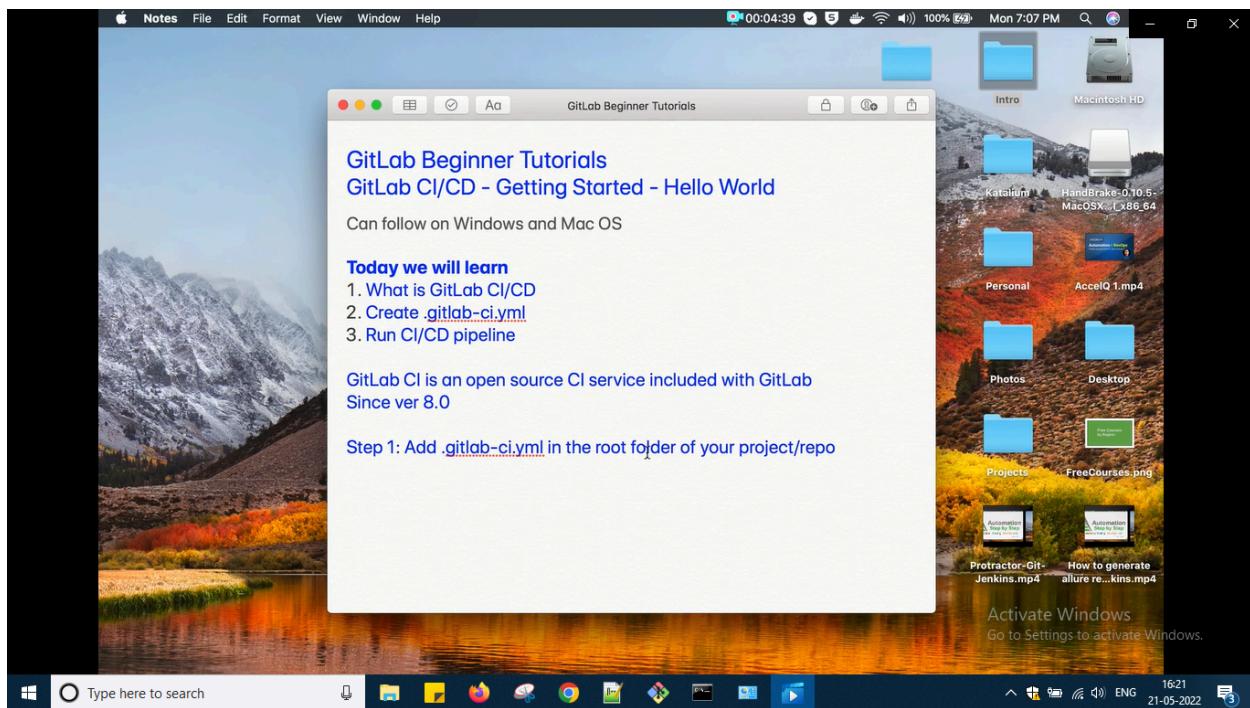
Check in google what is CI and CD

Here different jobs will be there after one passed it will trigger next and if another passes it will trigger next and they are pipeline so this is called continuous integration and same way if we added acceptance phase means continuous delivery we can call it okay later on we will google and youtube more go into theoretical parts okay

Here things will be automated and triggered okay ...



You should be owner for the project in order to run ci and cd okay



Yml is a format to write text files just like we have json ,xml and all
This is used to configure our pipeline and in every project we will add it okay .we will add the details and it will define the structure and order of the pipeline okay

So now in windows u can use any editor to create this file i am using notepad++ for this

```
new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
finaltarget.txt.txt jd_ma.pub new 1
1 demo_job_1:
2   tags:
3     - ci
4   script:
5     - echo Hello World
```

The screenshot shows the Notepad++ application window with a single tab named "new 1". The content of the file is a YAML configuration for a CI pipeline job named "demo_job_1". It includes tags for "ci" and a script block with a single command "echo Hello World". The status bar at the bottom shows "Normal text file", "length : 68 lines : 5", "Ln : 5 Col : 26 Pos : 69", "Windows (CR LF)", "UTF-8", and "INS". The taskbar at the bottom is identical to the one in the previous screenshot.

Here i am creating a job with the name demojob and tags earlier ci i have used in runner so so ci I am using it and one code hello world should run that's all i have written

To check whether the code is written as per the standards of yml go online paste the code and check it like babel earlier i had done

<http://www.yamllint.com/>

YAML Lint

Paste in your YAML and click "Go" - we'll tell you if it's valid or not, and give you a nice clean UTF-8 version of it. Optimized for Ruby.

```
1 ---  
2   demo_job_1:  
3     script:  
4       - "echo Hello World"  
5     tags:  
6       - ci  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21
```

Go

Valid YAML!

Activate Windows
Open Go to Settings to activate Windows.

So tried writing it finally like his it worked

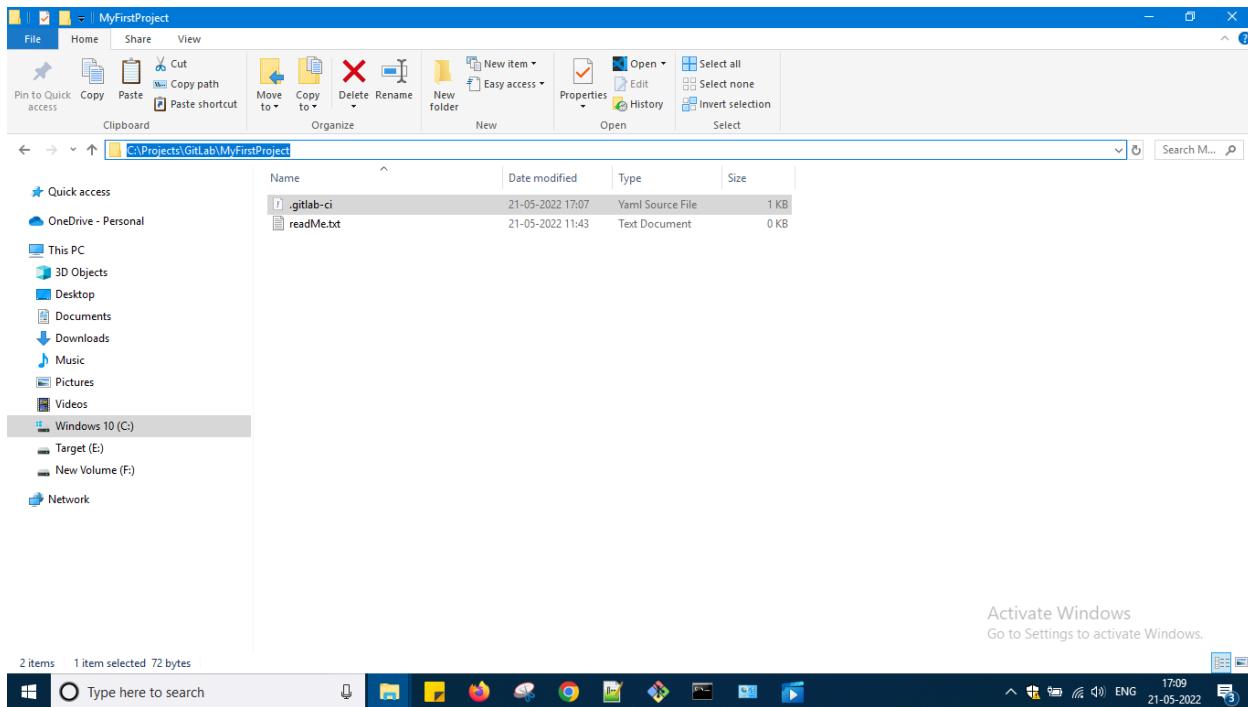
Now what

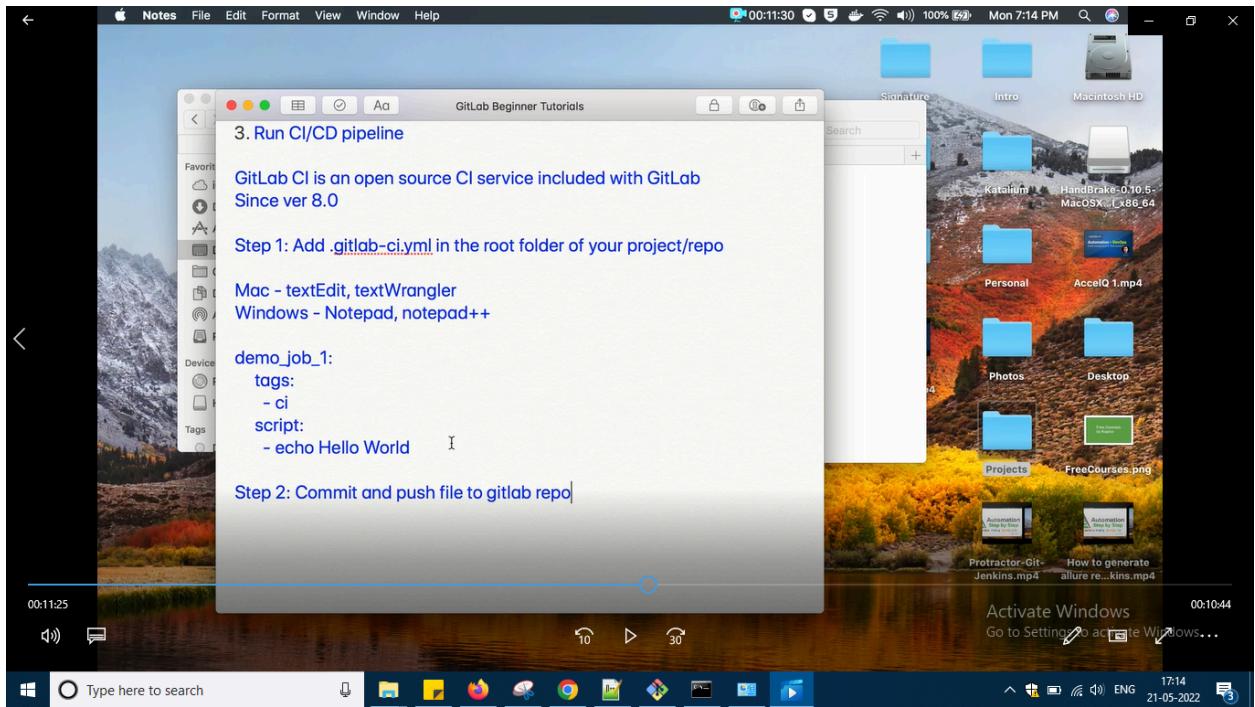
The screenshot shows a Notepad+ window titled "new 1 - Notepad+". The file contains the following YAML code:

```
1 demo_job_1:
2   script:
3     - "echo Hello World"
4   tags:
5     - ci
```

The status bar at the bottom indicates the file is a "Normal text file" with a length of 72, 6 lines, and position 73. The encoding is set to Windows (CR LF) and the character set is UTF-8. The system tray shows the date and time as 21-05-2022 17:05.

And now copy the file into my first project





So next step is commit and push

```
C:\Projects\GitLab\MyFirstProject>git status  
On branch master  
Untracked files:  
(use "git add <file>..." to include in what will be committed)  
.gitlab-ci.yml
```

nothing added to commit but untracked files present (use "git add" to track)

```
C:\Projects\GitLab\MyFirstProject>git add.  
git: 'add.' is not a git command. See 'git --help'.
```

The most similar command is
add

```
C:\Projects\GitLab\MyFirstProject>git add .
```

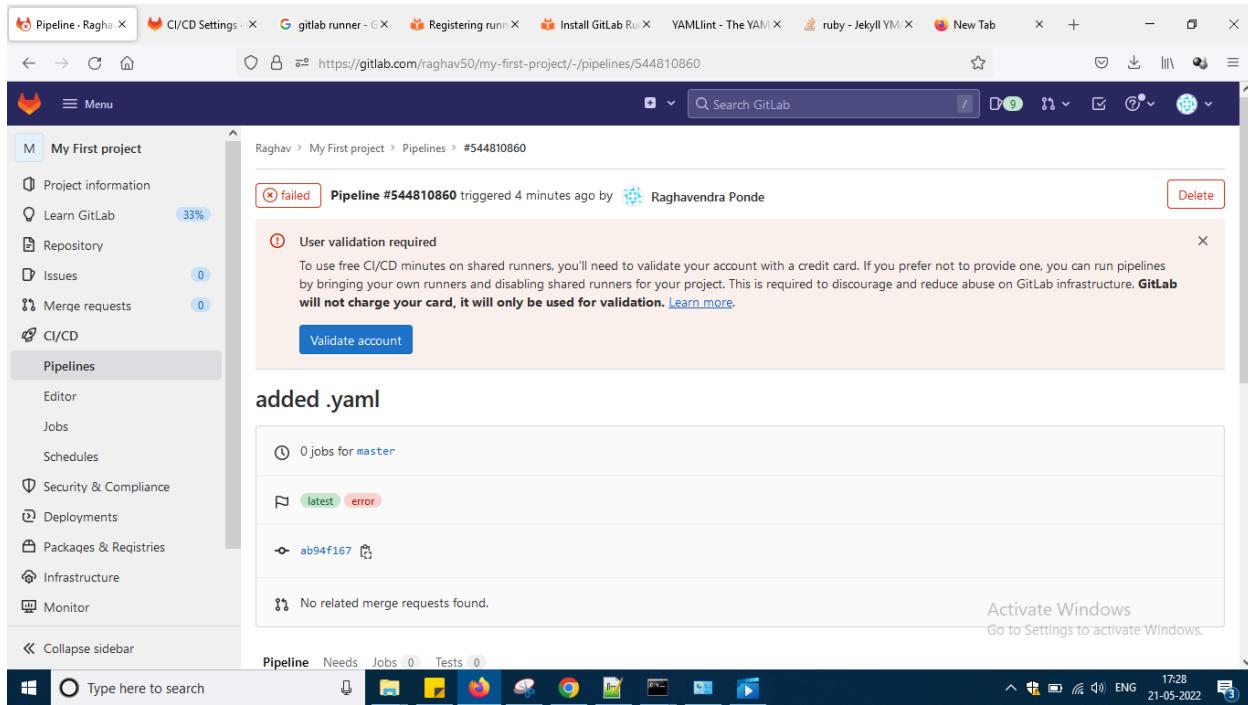
```
C:\Projects\GitLab\MyFirstProject>git status  
On branch master  
Changes to be committed:  
(use "git restore --staged <file>..." to unstage)  
new file: .gitlab-ci.yml
```

```
C:\Projects\GitLab\MyFirstProject>git commit -m "added .yaml"
[master ab94f16] added .yaml
 1 file changed, 5 insertions(+)
 create mode 100644 .gitlab-ci.yml
```

```
C:\Projects\GitLab\MyFirstProject>git push -u "https://gitlab.com/raghav50/my-first-project.git"
master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 343 bytes | 171.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for master, visit:
remote:
https://gitlab.com/raghav50/my-first-project/-/merge\_requests/new?merge\_request%5Bsource\_branch%5D=master
remote:
To https://gitlab.com/raghav50/my-first-project.git
 a26698c..ab94f16 master -> master
branch 'master' set up to track 'https://gitlab.com/raghav50/my-first-project.git/master'.
```

```
C:\Projects\GitLab\MyFirstProject>
```

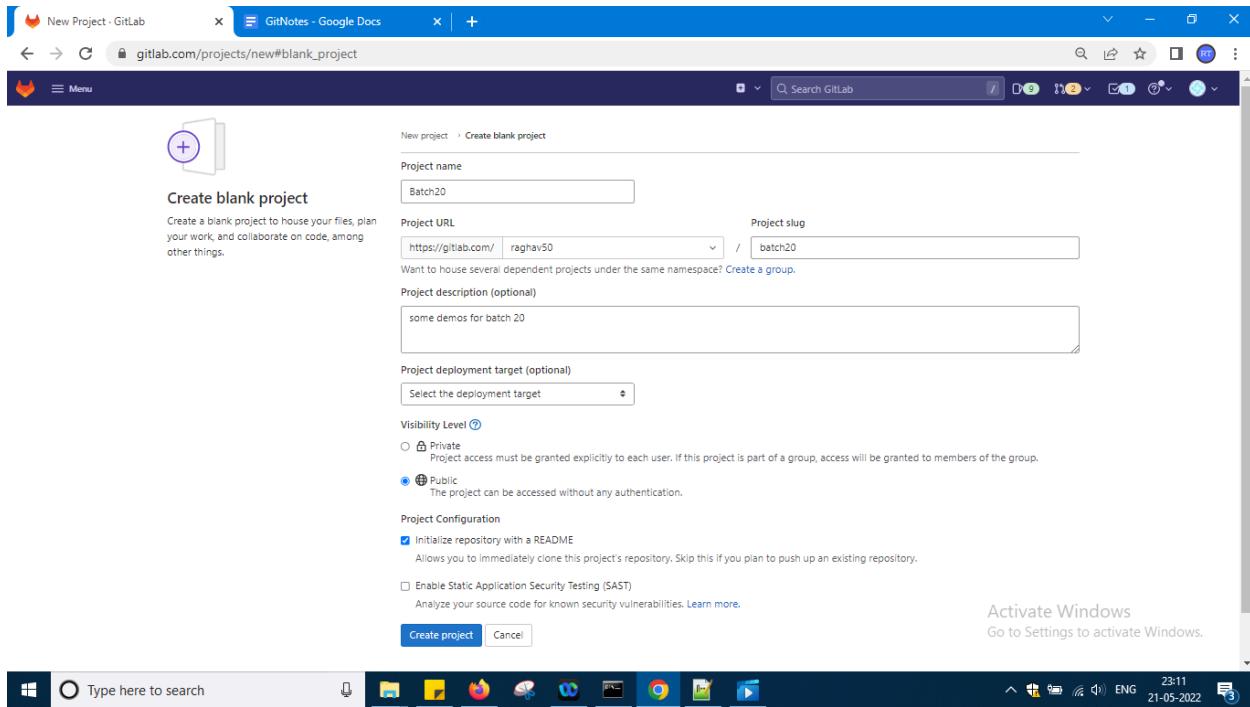
Now go to the project u can see that ..it is working but now latest they are asking me to validate using credit card



Now what u can do is while creating the project make it public and i tried doing it change it from private to public then it was not working it is disabled okay so now what is best option is do it using public in the video git mastery with github and gitlab he has done pipeline using public or not i don't know but when i tried creating a sample project using public mode it worked now so now i am moving to that video session only of gitlab only and will do demos from that session okay

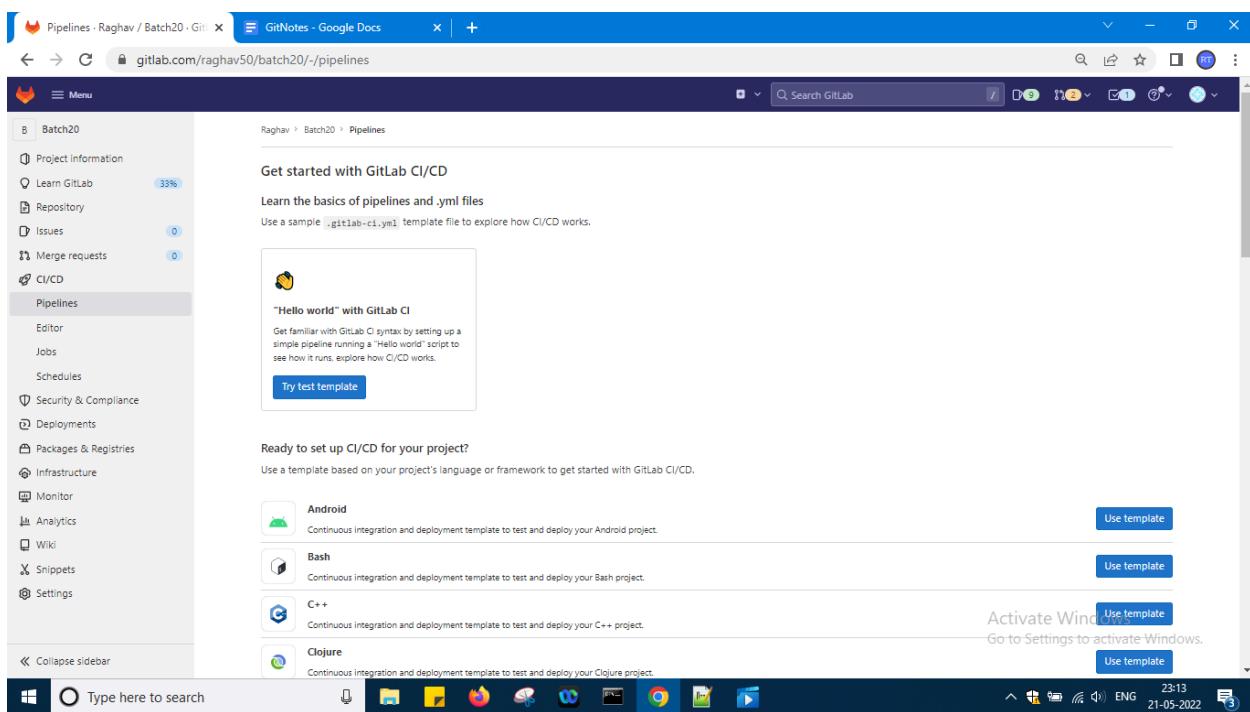
Yes he had done it using public now what i will do better no time now so i will just try to implement his CI CD video of gitlab okay

Now create a new project like this with the name batch20 okay and keep the domain as public



Activate Windows
Go to Settings to activate Windows.

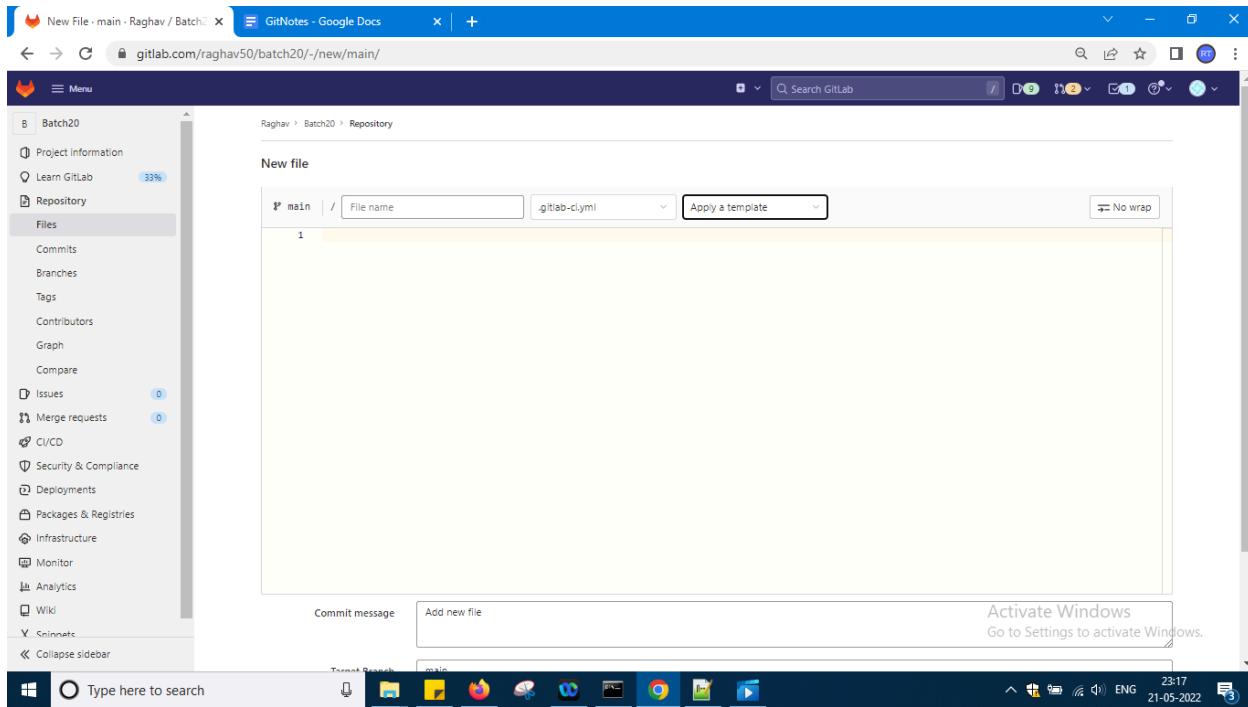
Now in order to work with the project and create ci cd pipeline yaml file is needed okay



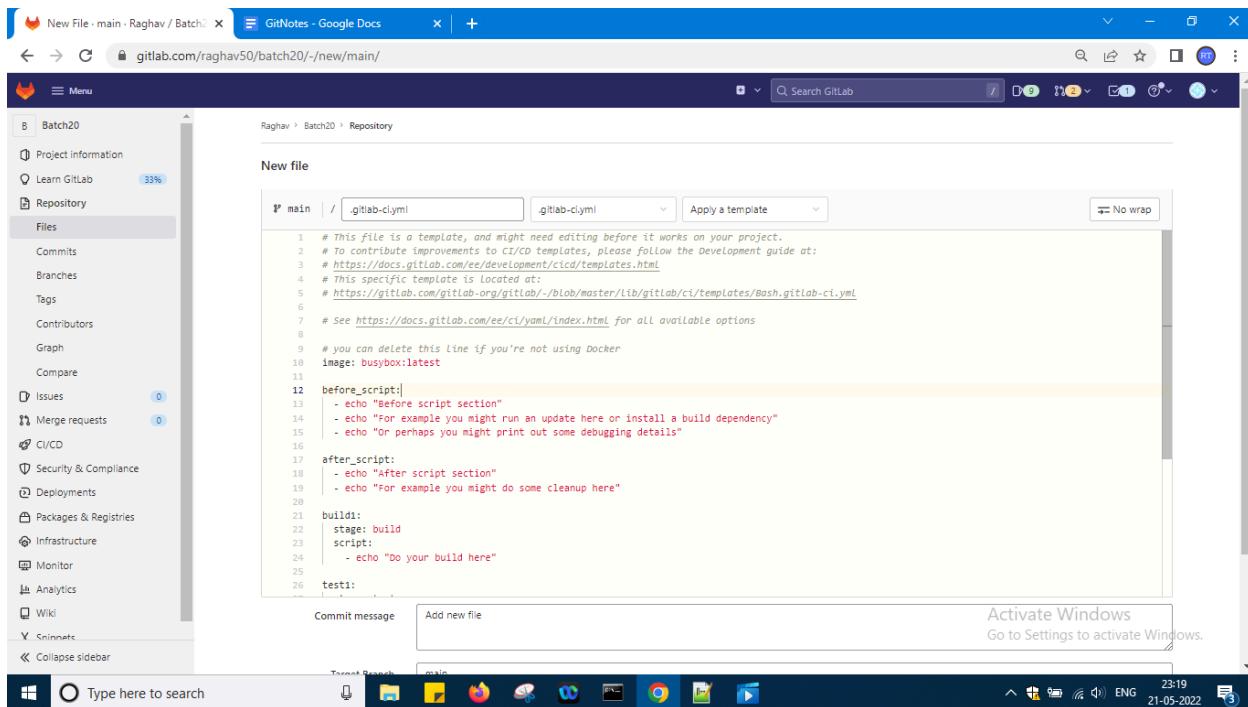
So it is asking to create nothing is there in this project then what i will do is and some documentation he has given it okay

Better go to project now

From the second drop down select yaml file it is like hidden file okay



If u see the template i have added bash template but again i will delete it as it is looking complicated for me okay ...



I am not seeing learn ci cd syntax so i am using this only not chaning bash okay

```

9 # you can delete this line if you're not using Docker
10 image: busybox:latest
11
12 before_script:
13   - echo "Before script section"
14   - echo "For example you might run an update here or install a build dependency"
15   - echo "Or perhaps you might print out some debugging details"
16
17 after_script:
18   - echo "After script section"
19   - echo "For example you might do some cleanup here"
20
21 build:
22   stage: build
23   script:
24     - echo "Do your build here"
25
26 test:
27   stage: test
28   script:
29     - echo "Do a test here"
30     - echo "For example run a test suite"
31
32 test:
33   stage: test
34   script:

```

Commit message: bash added

Target Branch: main

Commit changes **Cancel**

Activate Windows
Go to Settings to activate Windows.

Add comment and commit change

The file has been successfully created.

bash added
Raghavendra Ponde authored just now
b9369112

✓ This GitLab CI configuration is valid. [Learn more](#)

.gitlab-ci.yml 1.15 KB

```

1 # This file is a template, and might need editing before it works on your project.
2 # To contribute improvements to CI/CD templates, please follow the Development guide at:
3 # https://docs.gitlab.com/ee/development/cicd/templates.html
4 # This specific template is located at:
5 # https://gitlab.com/gitlab-org/gitlab/-/blob/master/lib/gitlab/ci/templates/Bash.gitlab-ci.yml
6
7 # See https://docs.gitlab.com/ee/yaml/index.html for all available options
8
9 # you can delete this line if you're not using Docker
10 image: busybox:latest
11
12 before_script:
13   - echo "Before script section"
14   - echo "For example you might run an update here or install a build dependency"
15   - echo "Or perhaps you might print out some debugging details"
16
17 after_script:
18   - echo "After script section"
19   - echo "For example you might do some cleanup here"
20
21 build:
22   stage: build
23   script:
24     - echo "Do your build here"
25
26 test:
27   stage: test

```

Activate Windows
Go to Settings to activate Windows.

Go to ci cd pipeline lines

Raghav > Batch20 > Pipelines

All 1 Finished Branches Tags

Status Pipeline Triggerer Stages

passed bash added #544888301 main -> b9369112 latest

Filter pipelines

Clear runner caches CI lint Run pipeline

Activate Windows Go to Settings to activate Windows.

So it is passed now and click the head id

Pipeline - Raghav / Batch20 - Git... x GitNotes - Google Docs x +

Raghav > Batch20 > Pipelines > #544888301

passed Pipeline #544888301 triggered 2 minutes ago by Raghavendra Ponde

Delete

bash added

4 jobs for main in 40 seconds

latest

b9369112

No related merge requests found.

Pipeline Needs Jobs 4 Tests 0

Build Test Deploy

build1 test1 deploy1

test2

Activate Windows Go to Settings to activate Windows.

So u can see like this okay

Click on each job inside and see what is happening i clicked build 1

```

8 Using docker image sha256:1a88408dc798c4b1075d8a7e23ff7da78b311f85f36ea10098e4a6184c200964 for busybox:latest with digest busybox@sha256:d2b5
3584f5b0310186df7a2055ce3ff83cc0ddfcacaf3e3489bf8cf5d0af5d8 ...
8 Preparing environment
9 Running on runner-azerasq-project-36373364-concurrent-0 via runner-azerasq-shared-1653155844-14702590...
11 Getting source from Git repository
12 $ eval "$CI_PIE_CLONE_SCRIPT"
13 Fetching changes with git depth set to 20...
14 Initialized empty Git repository in /builds/raghav50/batch20/.git/
15 Created fresh repository.
16 Checking out b9369112 as main...
17 Skipping Git submodules setup
19 Executing "step_script" stage of the job script
20 Using docker image sha256:1a88408dc798c4b1075d8a7e23ff7da78b311f85f36ea10098e4a6184c200964 for busybox:latest with digest busybox@sha256:d2b5
3584f5b0310186df7a2055ce3ff83cc0ddfcacaf3e3489bf8cf5d0af5d8 ...
21 $ echo "Before script section"
22 Before script section
23 $ echo "For example you might run an update here or install a build dependency"
24 For example you might run an update here or install a build dependency
25 $ echo "Or perhaps you might print out some debugging details"
26 Or perhaps you might print out some debugging details
27 $ echo "Do your build here"
28 Do your build here
30 Running after_script
31 Running after_script...
32 $ echo "After script section"
33 After script section
34 $ echo "For example you might do some cleanup here"
35 For example you might do some cleanup here
37 Cleaning up project directory and file based variables
39 Job succeeded

```

Duration: 12 seconds
Finished: 5 minutes ago
Timeout: 1h (from project)
Runner: #12270840 (-AzErasQ) 5-blue.shared.runners-manager.gitlab.com/default

Commit b9369112
bash added

Pipeline #544888301 for main

build

→ build1

Activate Windows
Go to Settings to activate Windows.

Just check all the pages and click the link etc and etc we will not understand okay but

Now go to project and and yaml file again

```

main
batch20 / .gitlab-ci.yml
Find file Blame History Permalink
batch added
Raghavendra Ponde authored 11 minutes ago
b9369112
Edit Replace Delete
.gitlab-ci.yml 1.15 KB
# This file is a template, and might need editing before it works on your project.
# To contribute improvements to CI/CD templates, please follow the Development guide at:
# https://docs.gitlab.com/ee/development/ci_cd/templates.html
# This specific template is located at:
# https://gitlab.com/gitlab-org/gitlab/-/blob/master/lib/gitlab/ci/templates/bash.gitlab-ci.yml
#
# See https://docs.gitlab.com/ee/ci/yaml/index.html for all available options
#
# You can delete this line if you're not using Docker
image: busybox:latest
before_script:
- echo "Before script section"
- echo "For example you might run an update here or install a build dependency"
- echo "Or perhaps you might print out some debugging details"
after_script:
- echo "After script section"
- echo "For example you might do some cleanup here"
build:
stage: build
script:
- echo "Do your build here"
test:

```

Activate Windows
Go to Settings to activate Windows.

So again i have taken a yaml file from project and added new template and again gogin in ci cd and checking it okay

The screenshot shows the GitLab Pipelines interface for a project named 'Batch20'. The sidebar on the left is collapsed, and the main area displays three pipeline runs:

Status	Pipeline	Triggerer	Stages
running	python #544895012	main -> 8517bd8a	Passed
failed	new file added #544894313	main -> b15bbb26	Failed
passed	bash added #544888301	main -> b9369112	Passed

Below the table, a message reads: "Activate Windows Go to Settings to activate Windows." The bottom of the screen shows the Windows taskbar with various icons and the date/time: 23:52, 21-05-2022.

It is running python added as per the script okay ...

But errors u are getting so better don't try to change just open one thing and show that as per syntax if u write modules using some yaml and that syntax u will know it means core has to be written as per yaml u dont know it so this is the end of git with git lab session with CI and CD pipeline examples

