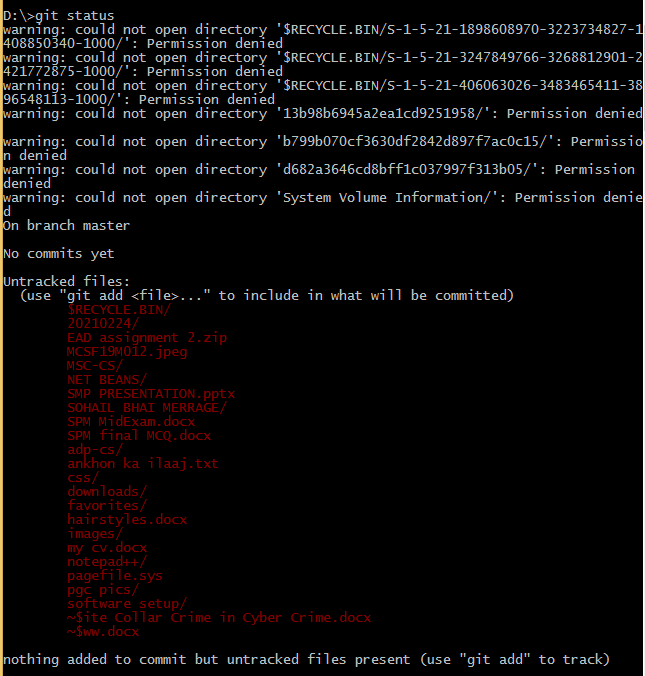
* First of all **GIT CLONE:**



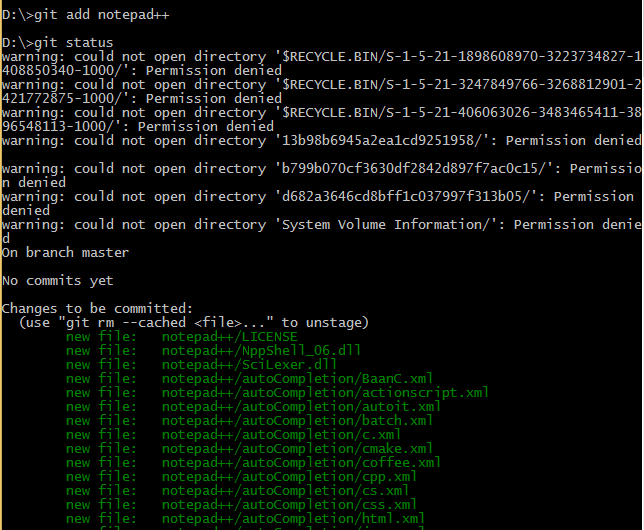
* Now initialize an empty repository using



* Now to find **Git Status:**

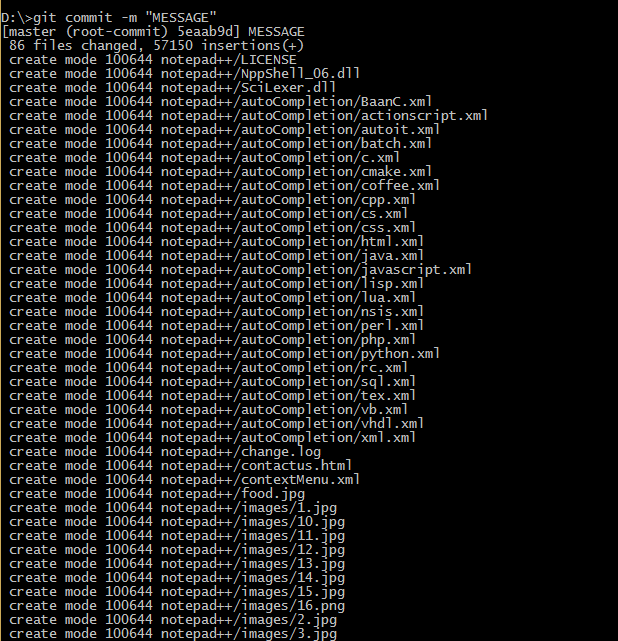


* Now to **folder:**



After this when we run **GIT STATUS** selected file and folder will be shown with green color

* Now , we will **commit it:**



* now we will add **remote origin:**



* Now we will push it using



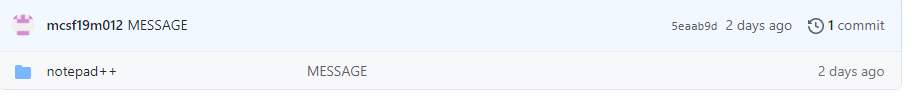
after this a window will appear

here you need to select **ACCESS USING BROWSER**

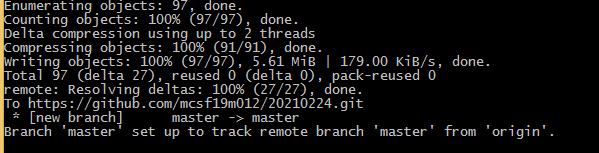
then you need to type your repository password

after that **refresh your repository**

**Now your folder is uploaded on git:**

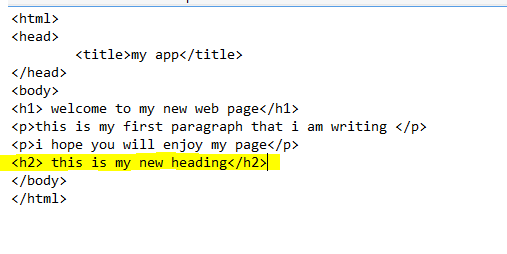


**And command will show following information**



* **Commiting changes to file:**

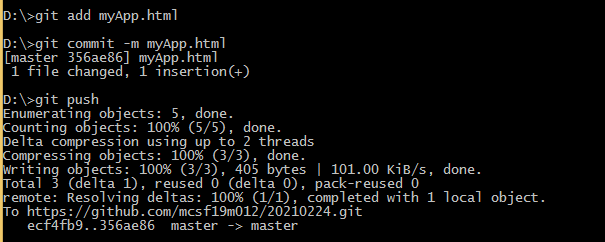
This is my change in my file

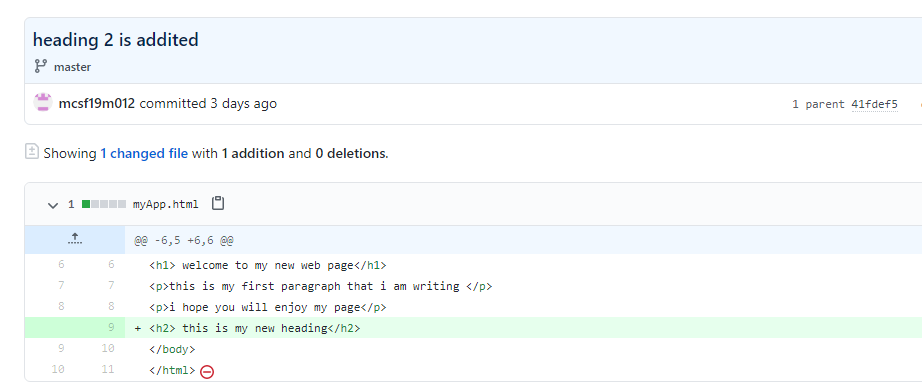


1)git add

2) git commit

3)git push

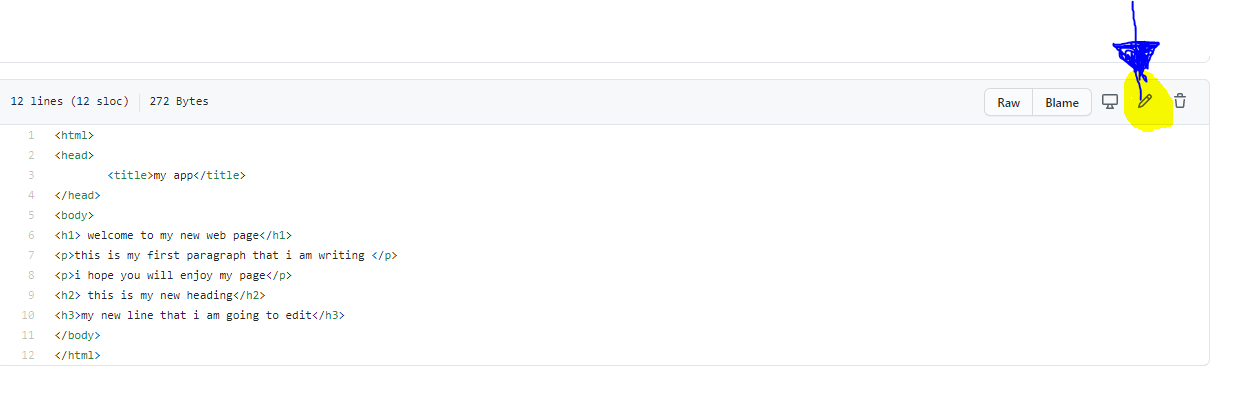




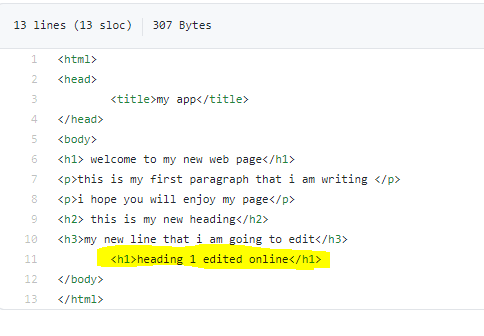
After following above three command my heading 2 is added on my github repository

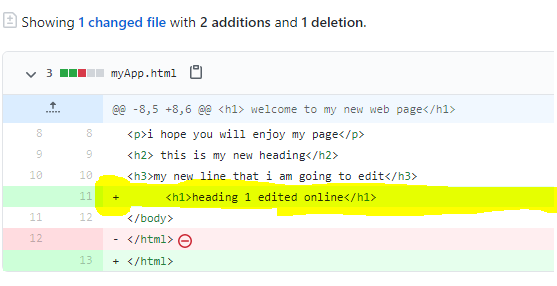
This is my new line that I have edited in my repository save it then I follow above three commands then my git hub will have edited file.

* **Edit file online:**



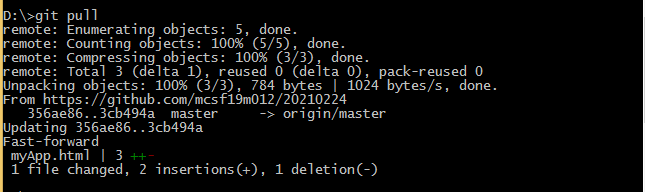
Heading 1 edited online:



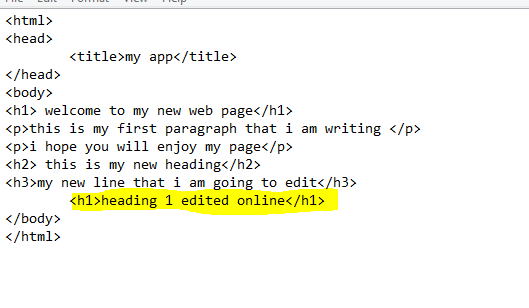


Show changes in central repository

* To view changes at your local repository we use **git pull** command



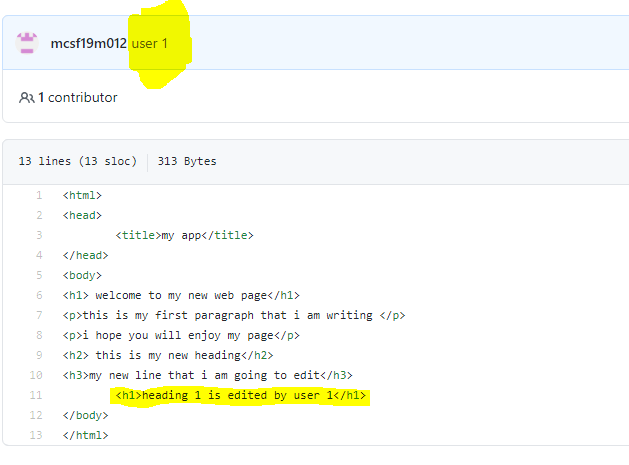
Now your local repository file will have changes



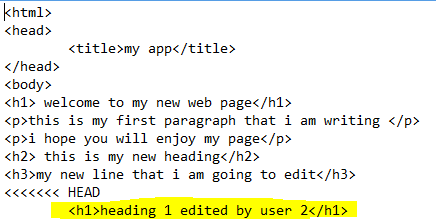
**Merge conflict**

Merge conflict rises when two user change same line of code at same time.

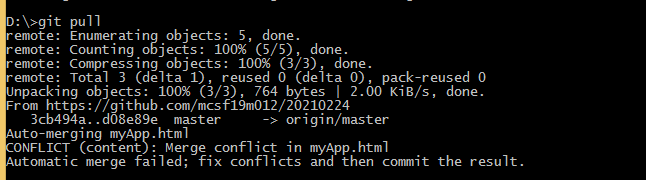
**Change in github repository:**

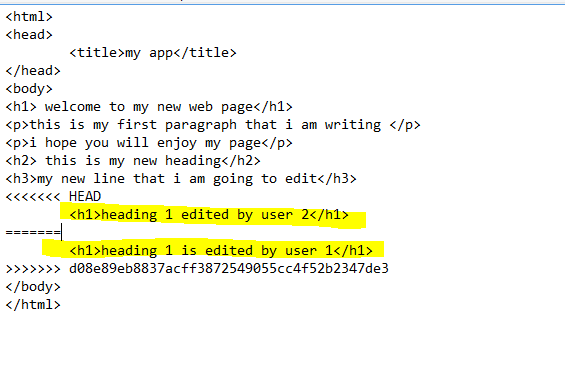


**Change in local repository:**

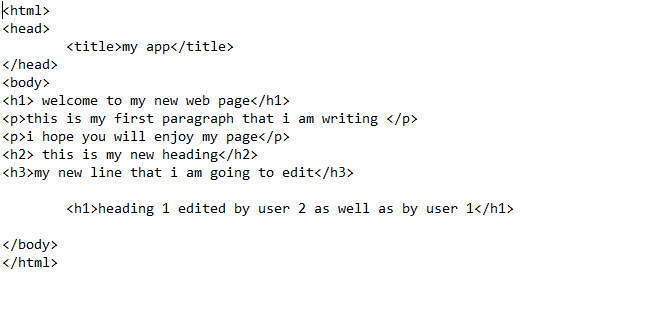


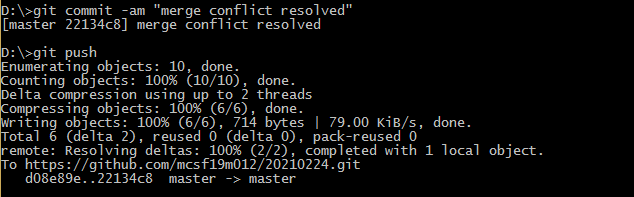




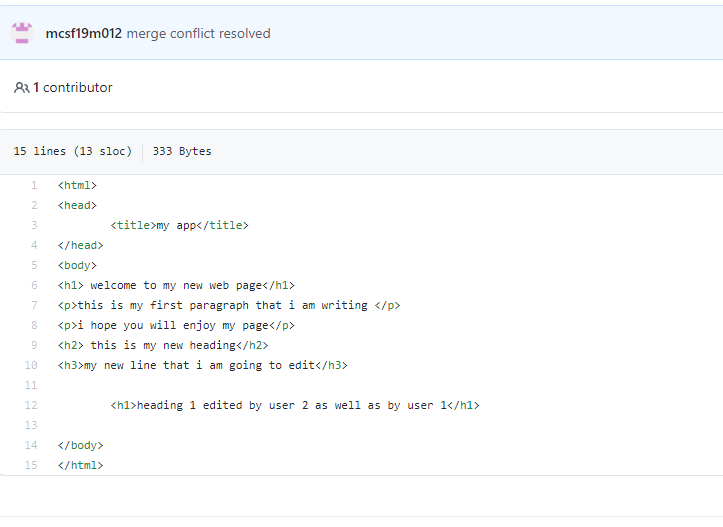


**Git conflict issue resolved:**



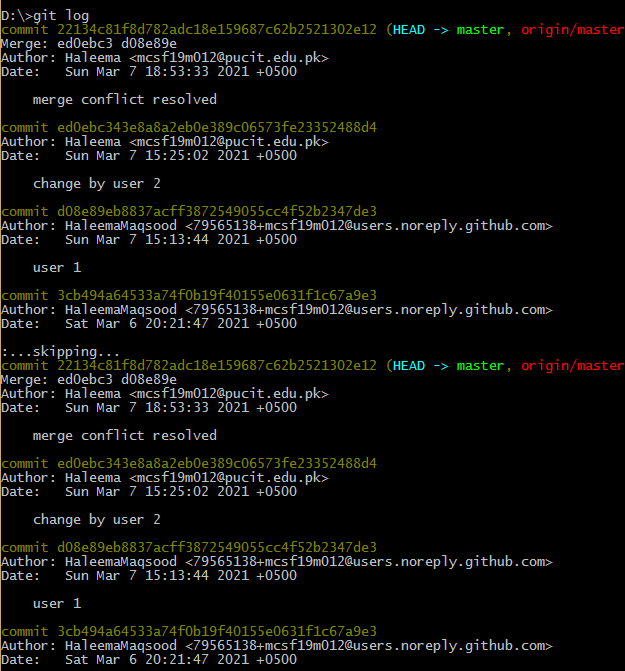


**Same data at github.com:**



**Git log:**

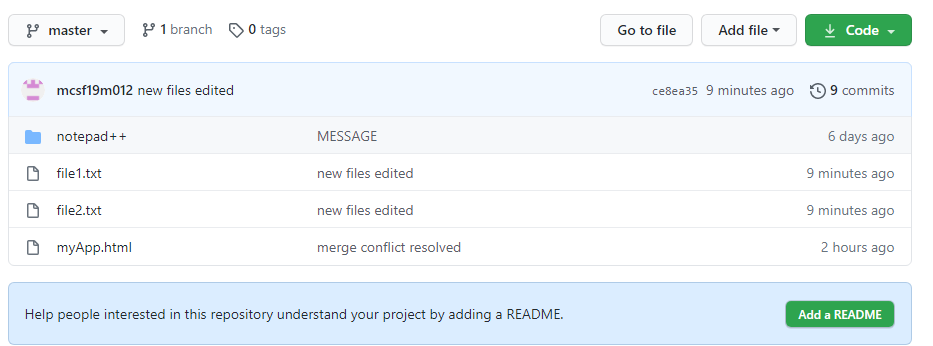
Give details of commit.



**Video lecture 4:**

**Remove a file from github:**

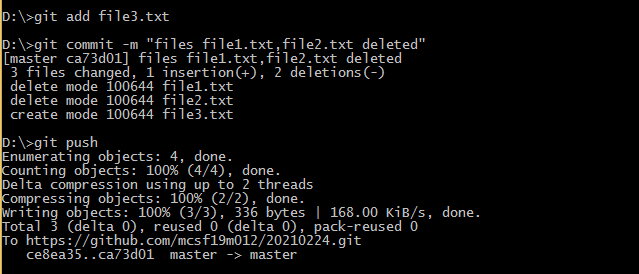
This is my current github repository:



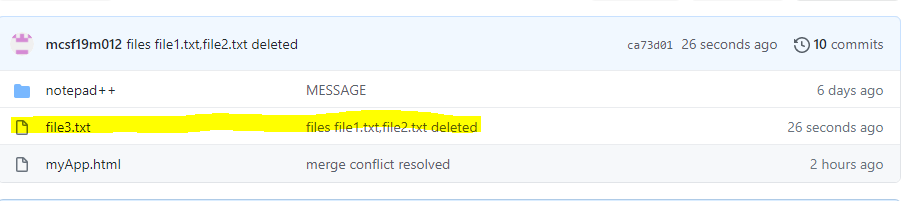
Now I want to remove file 2.txt from my github repository:

Then I will use following command:





Now we can see file1.txt,file2.txt has been removed:



**Branching:**

**Create a branch:**

1. **Git branch (**to check branches)

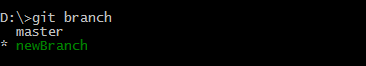


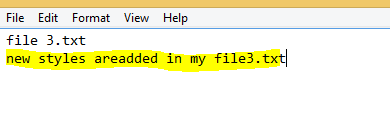
By default branching class in **master.**

1. **Create a new branch:**



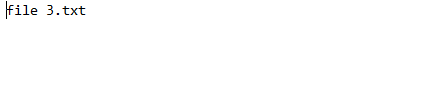
**3.Now check list of branches:**



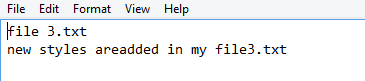




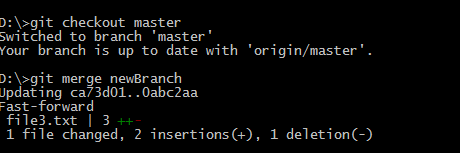
**This is master branch of file3.txt:**



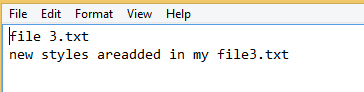
**This is my newBranch**



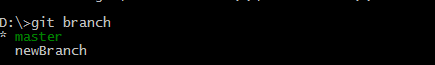
**Merge different branches:**



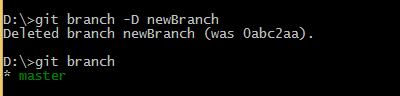
this is merged file:



**Now master branch will have merged changes:**



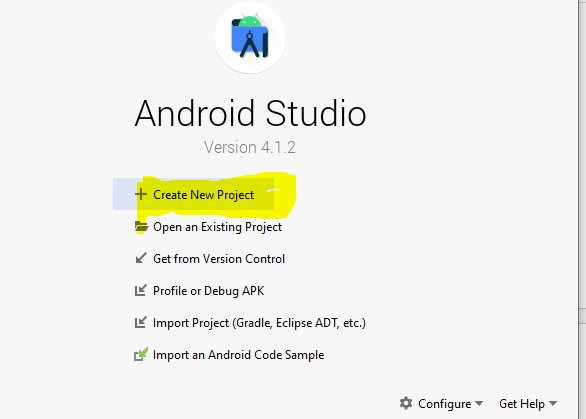
Now we need to delete newBranch:



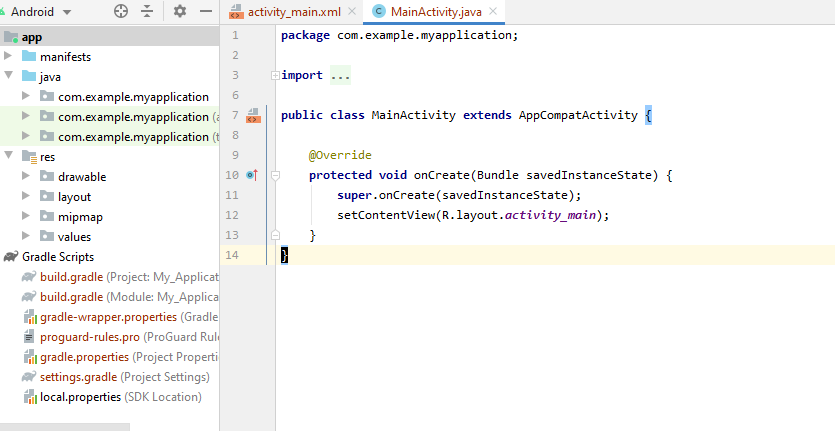
Now we have just onlu master branch.

**5-Android IDE Introduction:**

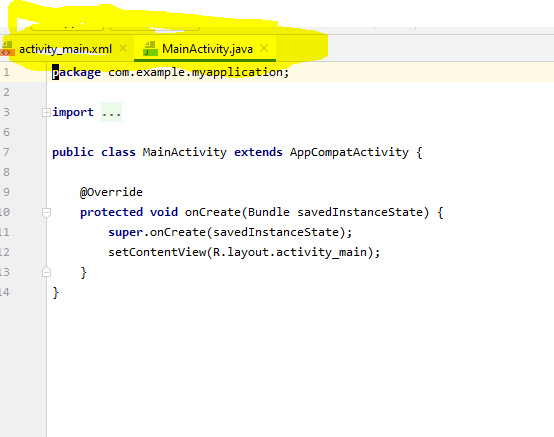
* **Start a new project:**



**Start of project:**

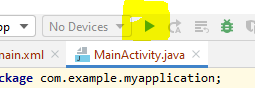


**CODE and GUI FILE:**



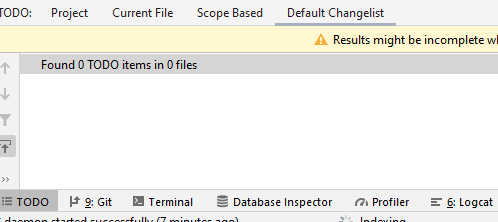
Here activity main.xaml is GUI file, whereas MainActivity.java is java code file

**BUILD PROJECT:**



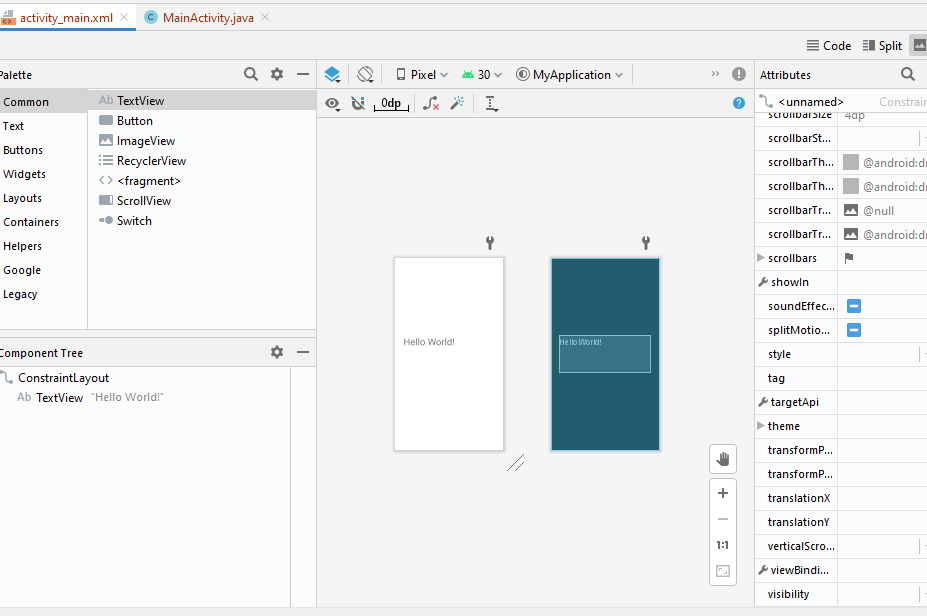
Here yello heighligted buttion is to build project.

**At bottom:**



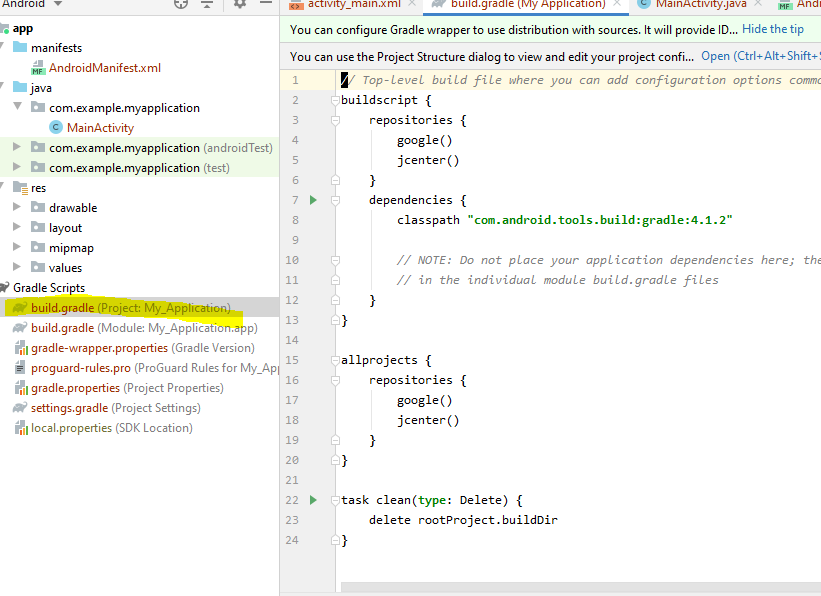
Bottom of android studio contain bar that include **todo, terminal, and logcat.**

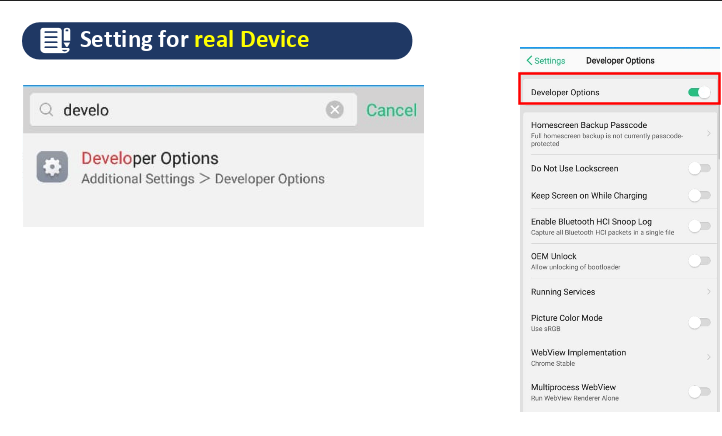
**ACTIVITY MAIN.xaml:**



**Build.gradle project:**

**Contain all dependencies and third party tools.**





**To connect your phone**

**Search in setting “developer option” turn on it.**

**Switch on “usb debugging”.**

**My virtual device:**

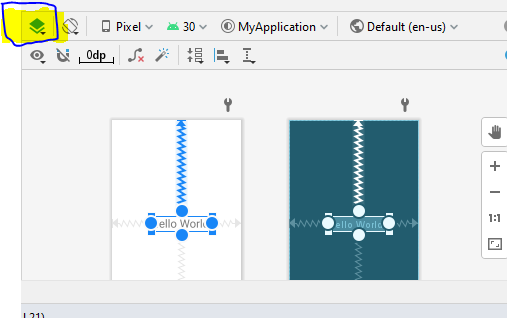


**Android profiler:**

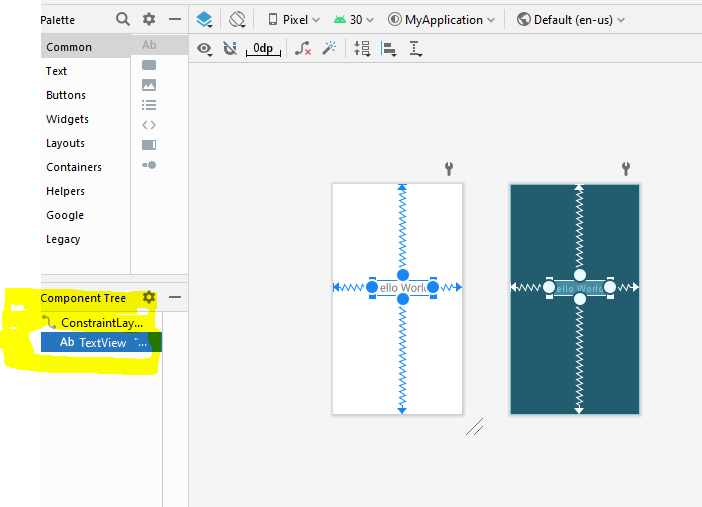
**Views>>tool window>>profiler**



**Design and blueprint**



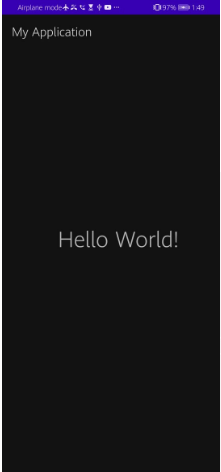
**Constraint layout:**



**XML TEXT VIEW:**

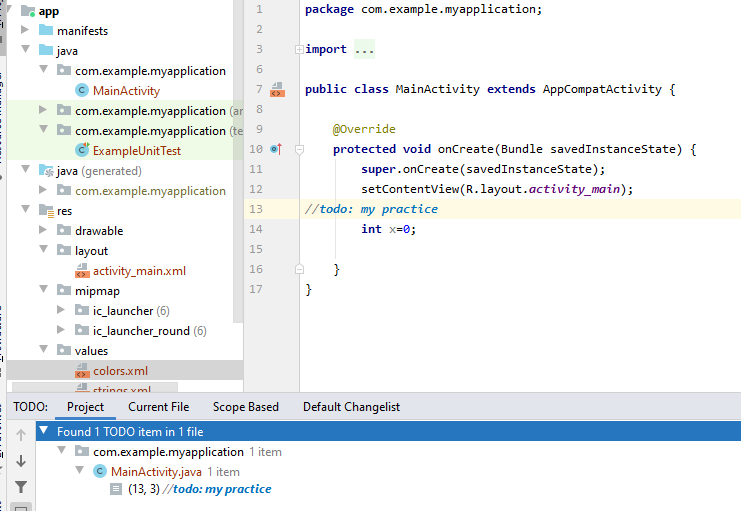


**My android**

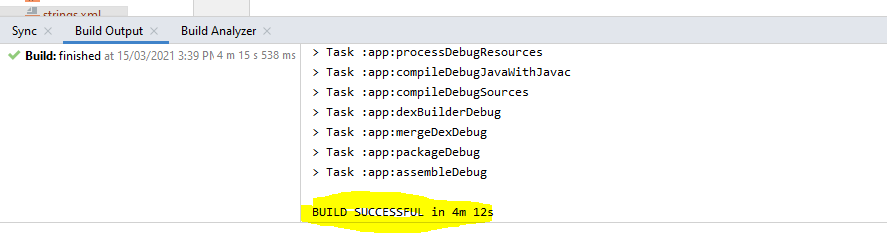


**Video lecture 6-Android IDE introduction:**

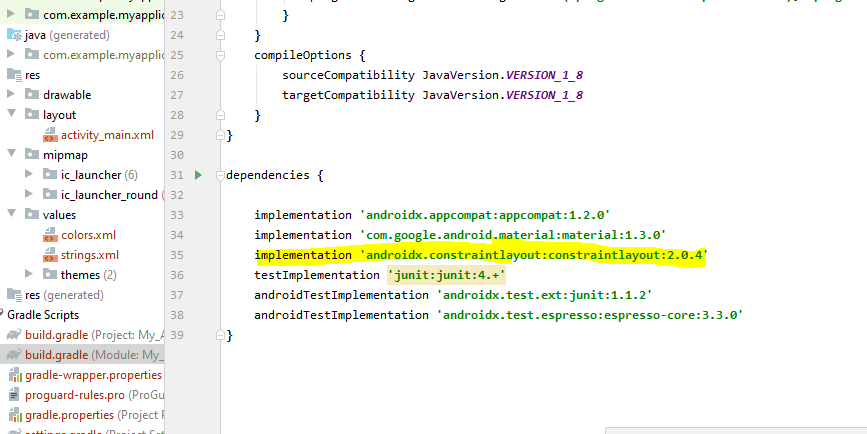
**HOW TO CREATE TODO**



**BUILD:**



**Constraint layout:**

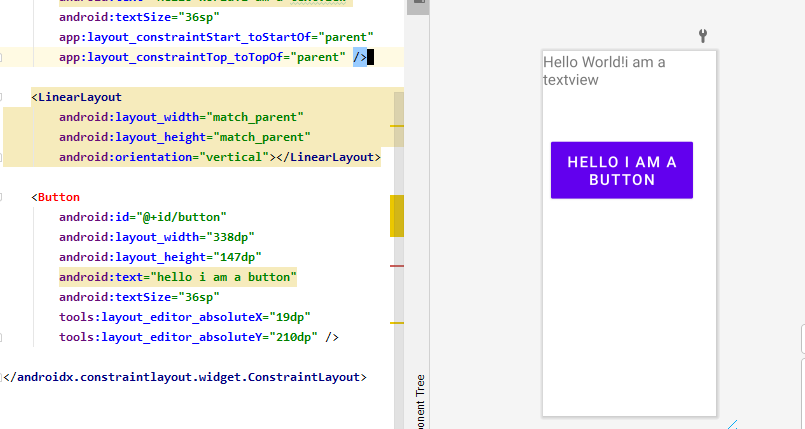


**Week 3:**

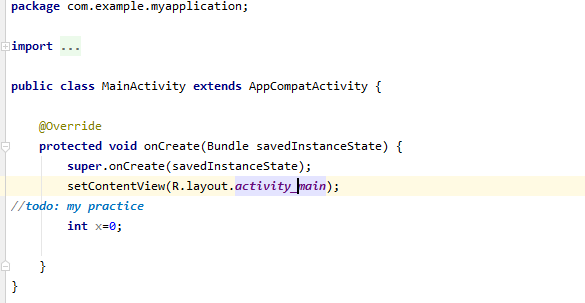
**Lecture 5 :**

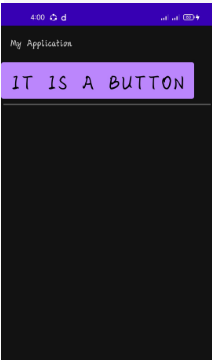
**Video lecture 7 ………..Layouts:**

**Linear vertical layout with a text view and a button**

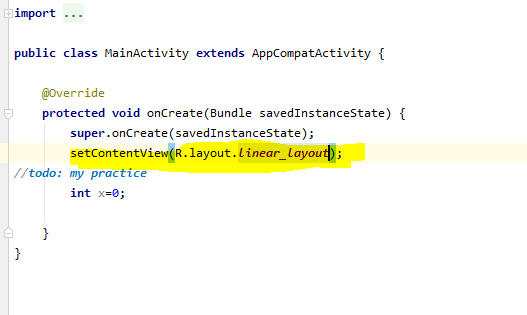


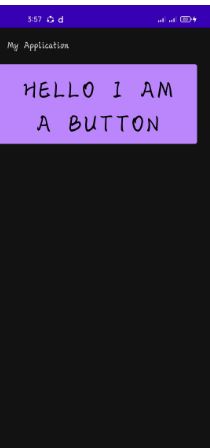
**Activity main.java:**





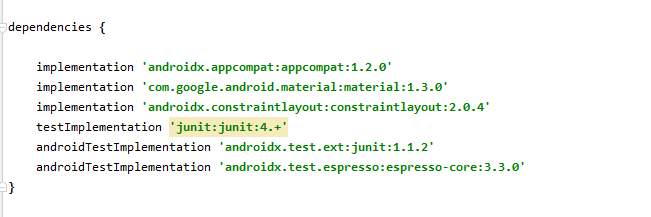
**Display linear activity:**



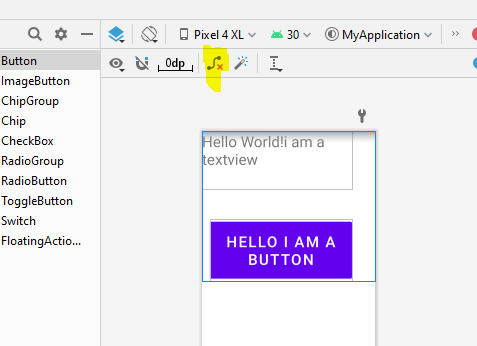


**Required Dependencies:**

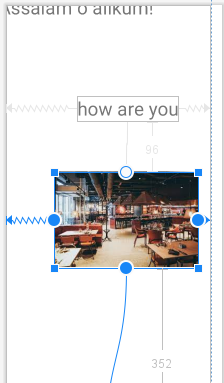
Build.gradle->dependencies



**Clear all constarints:**

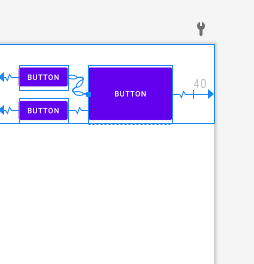


**Layout Constraints:**

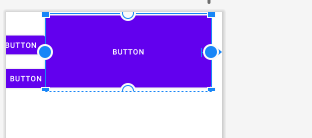


**Layout Constraints center:**

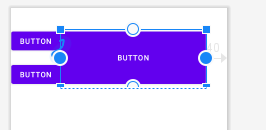
Layout center vertically:



**Layout Constraint (Expand vertically):**



**Layout Constraint (Expand horizontally):**



**On Click Function:**



