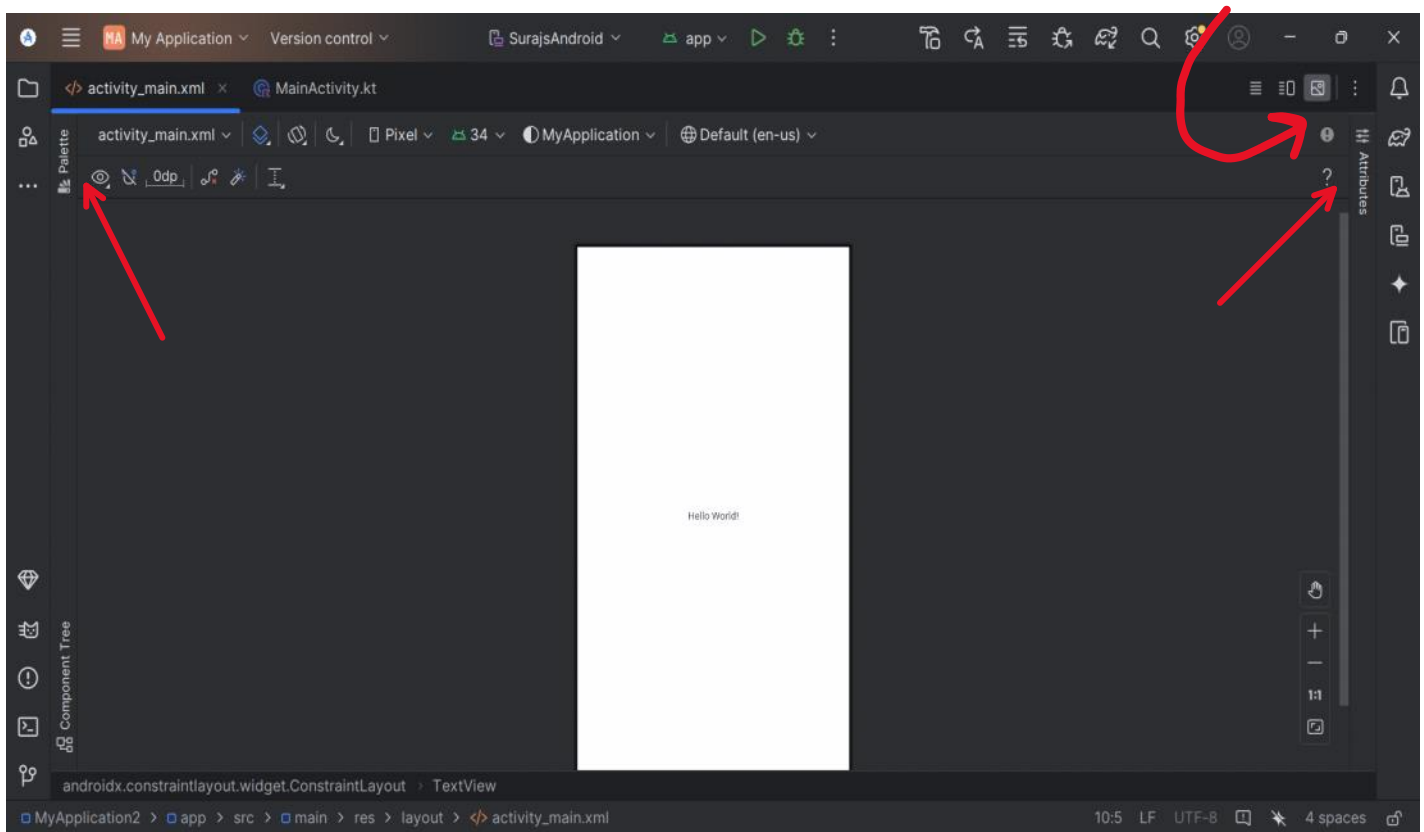


App 1: My Introduction App

Saturday, May 25, 2024 12:22 PM

In this App, We will learn to use "TextView" which is a tool to write/show text in Android Apps.

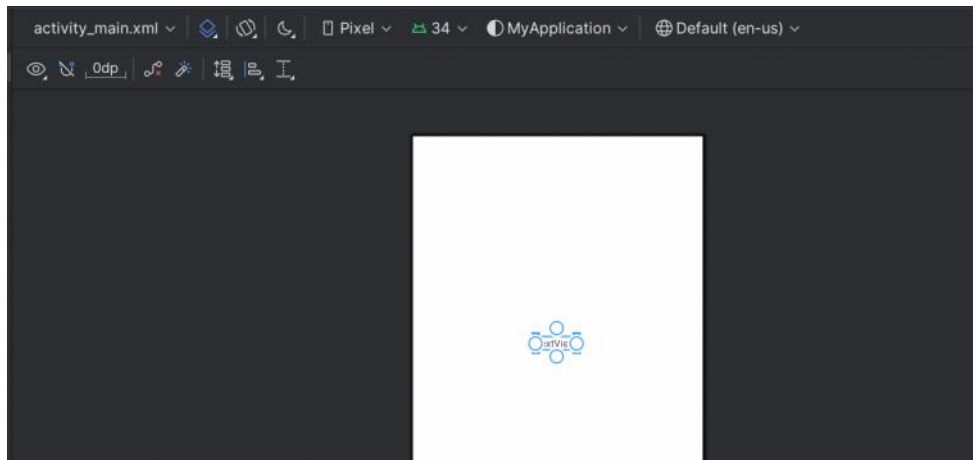
Step 1: After creating a new project, Go to the XML , and make sure you are in the Design View (explained in previous pdf). To switch to design View, use the **options on top right corner**.



In the picture, Palette & Attributes are also shown that we will use later.

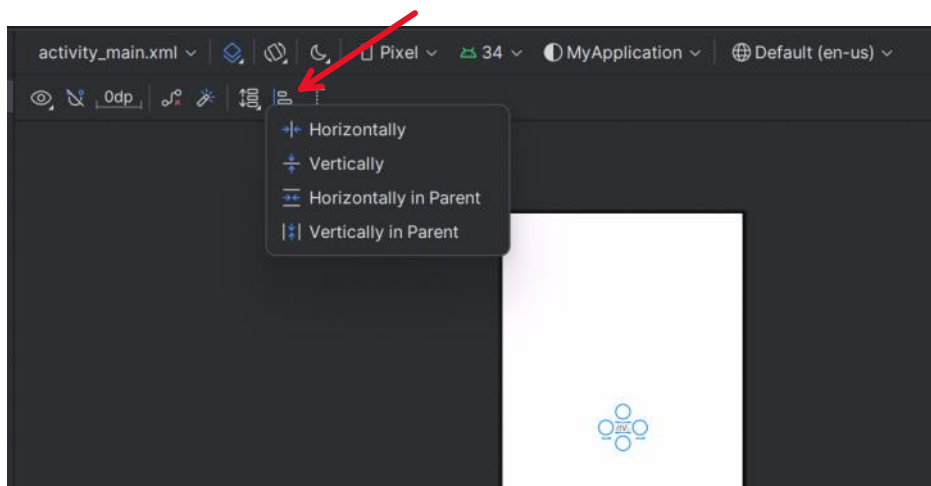
Step 2: Click on the "Hello World" and Delete it. Here, Hello World is a TextView used to show the text "Hello World"

Step 3: Click on "Palette" (on top left side) >> Text >> TextView
You need to Drag&Drop the TextView to out UI page.

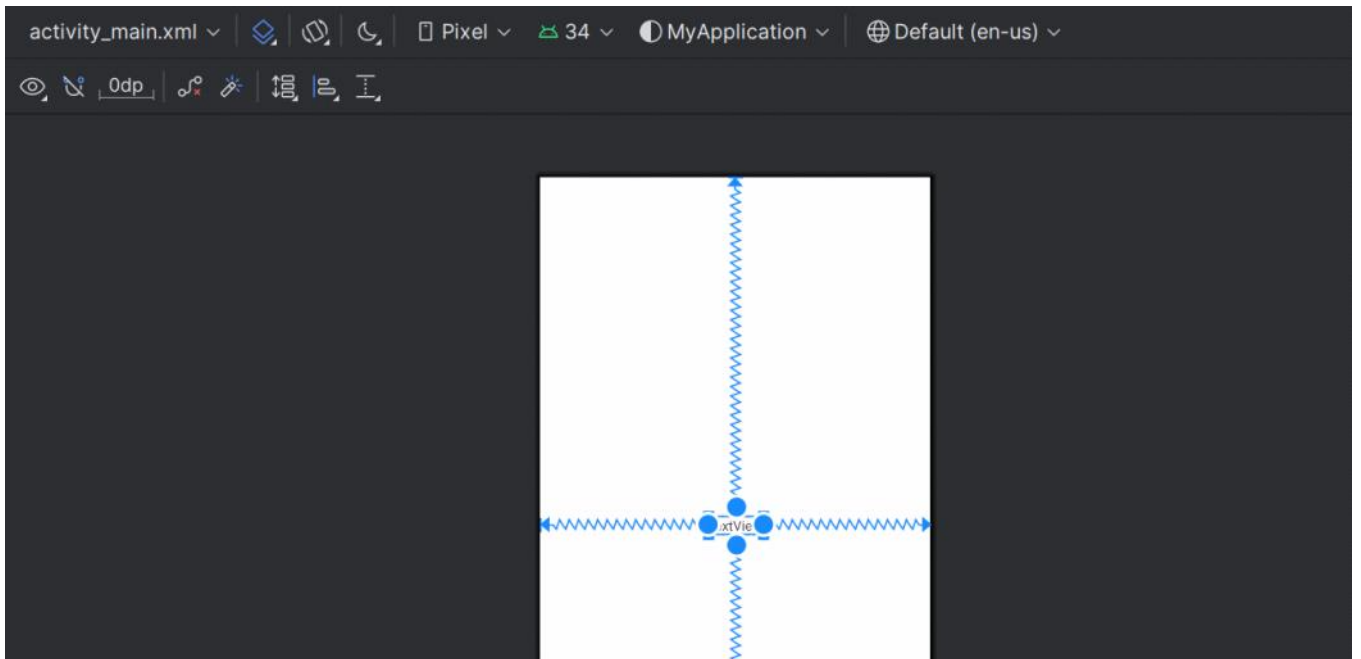


The TextView has been Inserted, But its position is not fixed, though it may look fixed. Therefore we will have to constrain it, otherwise at the time of running the app, all the elements will automatically settle at top left corner, no matter where we place it. There we need to constrain it.

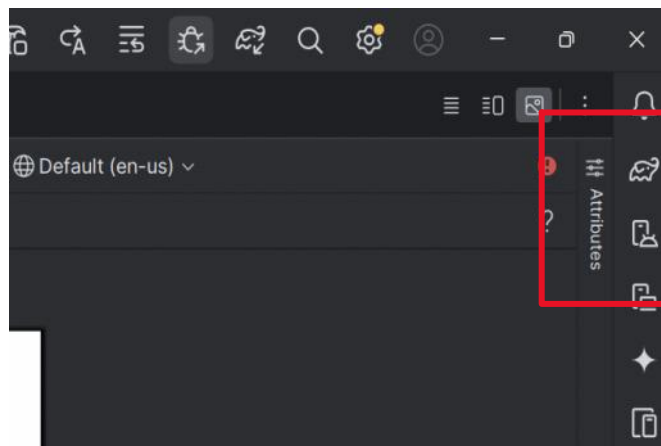
Step 4: **Select the TextView**, and Click on the Align Button (Shown in picture below), then click on Horizontally in Parent & vertically in Parent one by one to constrain your TextView Horizontally and Vertically in Parent.



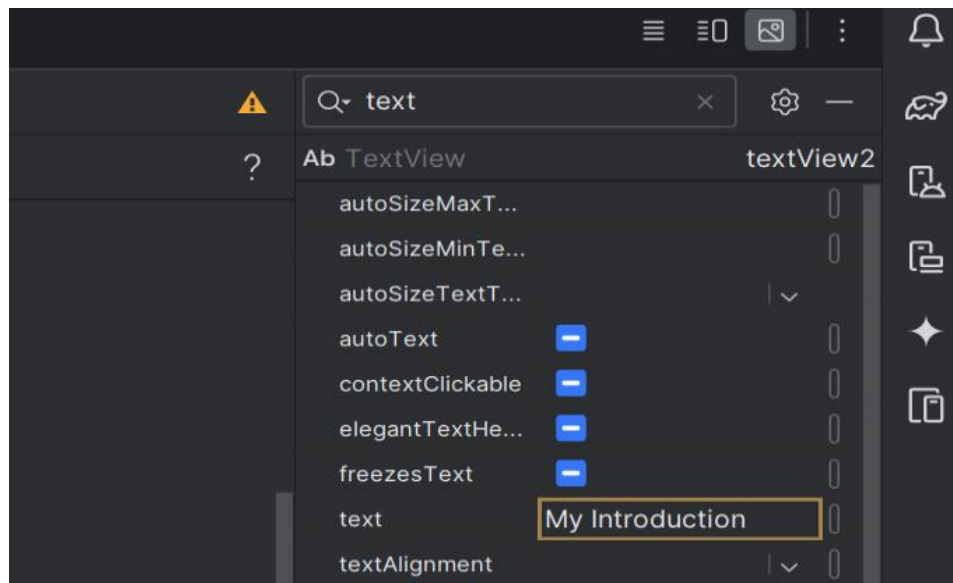
After the TextView is Constrained, It will look like this (Springs connected from all 4 sides). And now, we can place it wherever we want. Constraining is important.



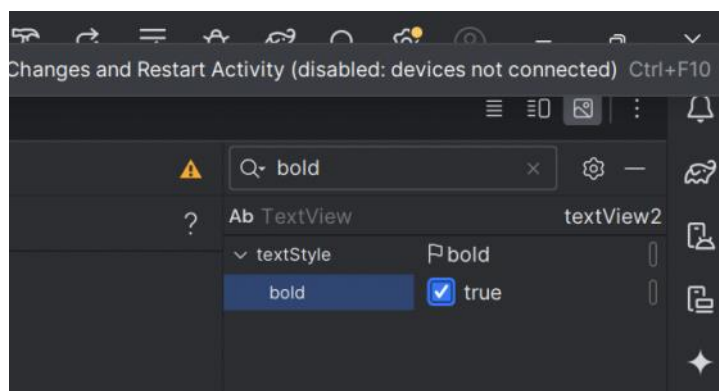
Step 5: **Select the TextView**, and Click on "Attributes" in the top right part. Attributes is the part from where we will edit the TextView.



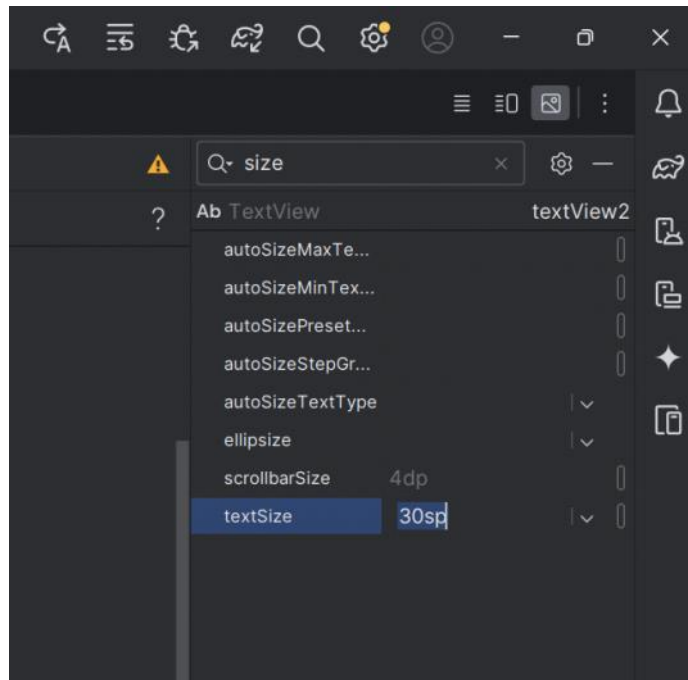
Click on Attributes and in the search box, search "Text". Now in the Text Section, Enter you own text whatever you want.
Here We will enter "My Introduction"



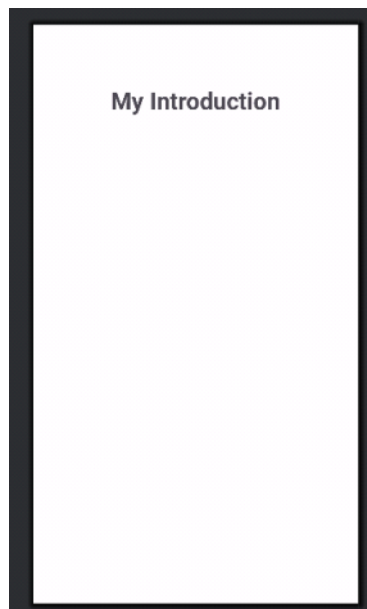
Now, Search Bold, and make the text Bold
 (All these tasks are being done from the Attributes section after selecting the TextView)



Search "Size" and set the Text Size to "30sp". Sp is the unit for text size



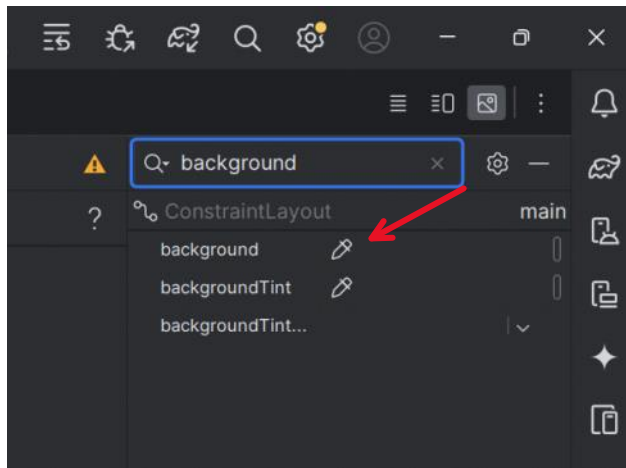
Now, Select the TextView and Move it at the Proper place, at the top of the Page like a Heading. Your UI Show look something like this.



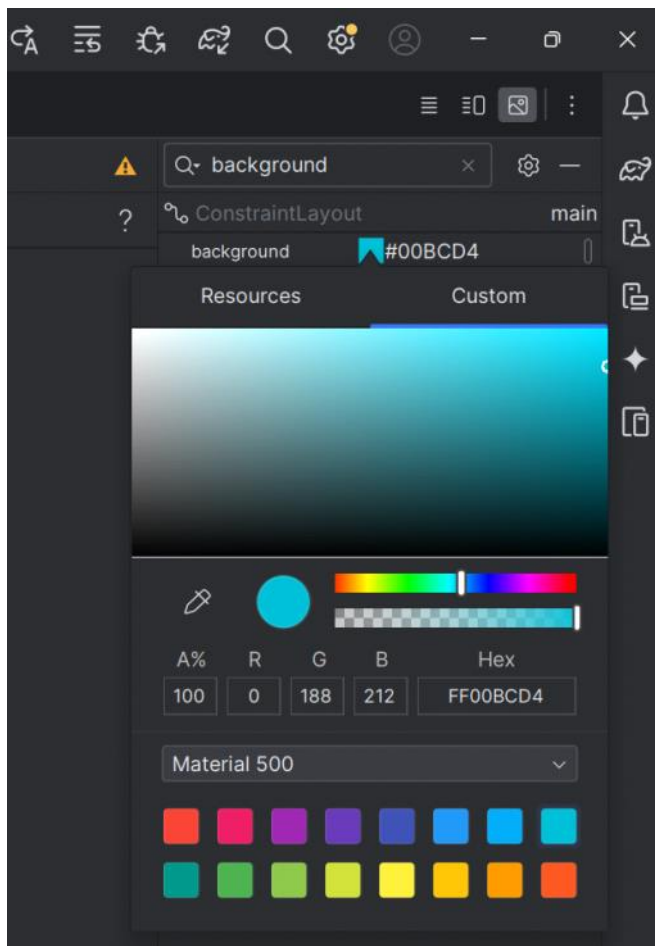
Step 6: Change the Background color.

Tap on the background, the background will be selected.

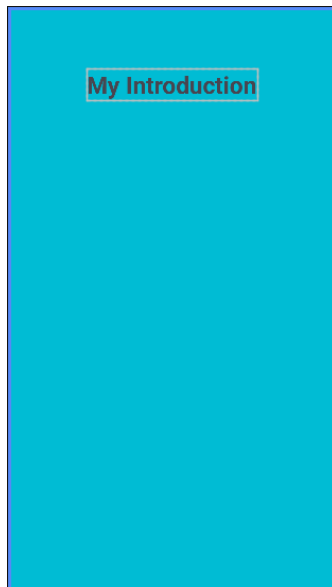
Now, click on the Attributes and search "background" and tap on the pencil icon.



Select a background color that you want.

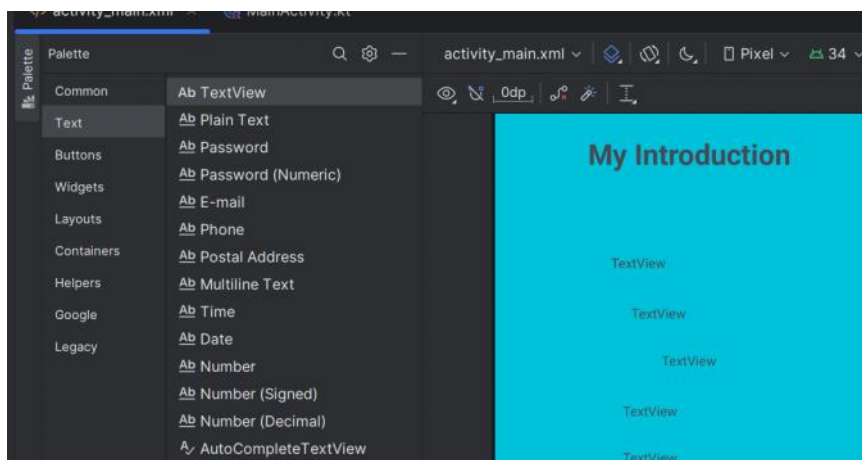


Now you page will look like

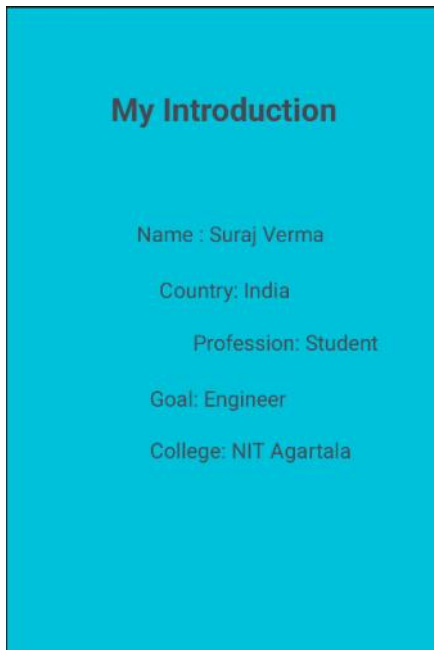


Step 7: **Adding Other TextViews.**

Add 4 to 5 TextViews from the palette section by drag and drop.

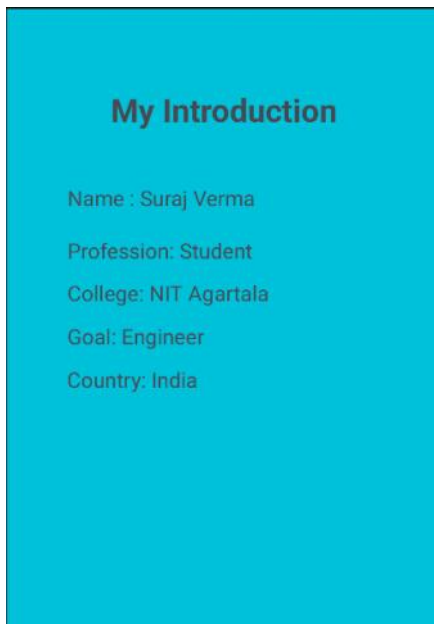


Select Each TextView and go to Attributes and change its Text, and Size one by one.



Don't forget to constrain these newly added TextViews. Click on the align button and constrain all these Textviews "Horizontally to parent" & "Vertically to Parent".

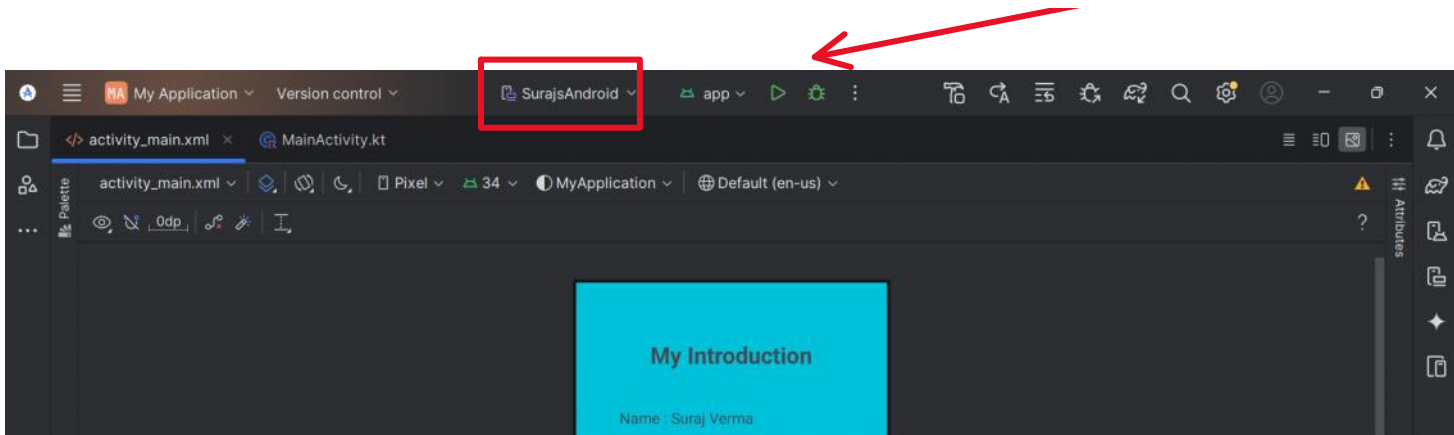
After Constraining, arrange all these TextViews at a proper place.



Step 8: Connect Your Android Device to PC via USB Cable, Make Sure that the USB Debugging is on in the Setting.

If the Android Device name is showing on the Top >> Click on the Run Button.

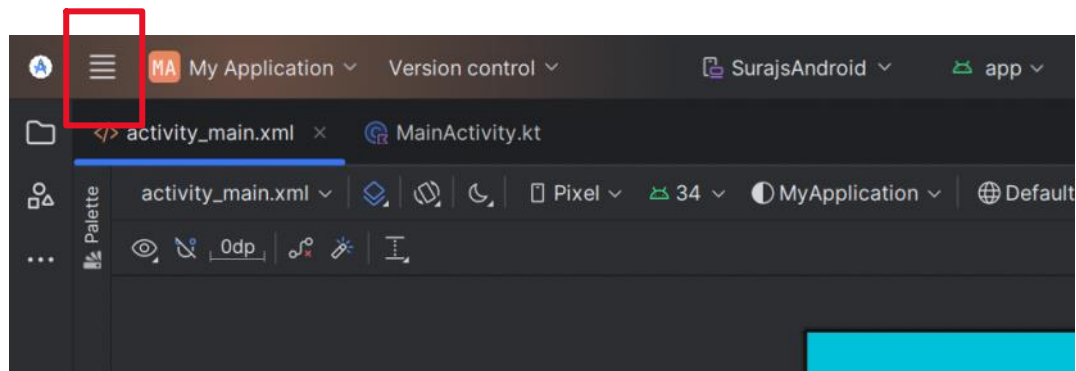




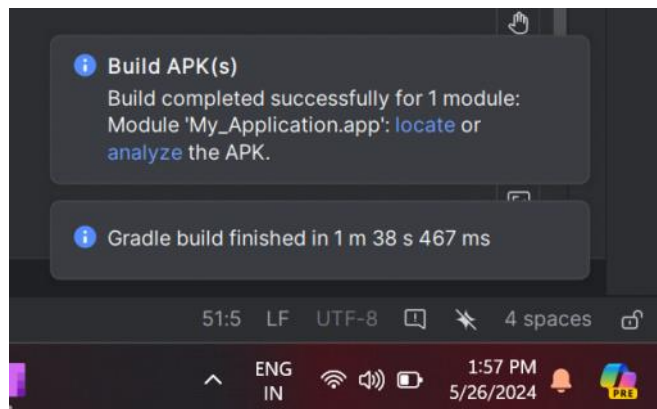
The App will be Automatically Installed on your Android Device.

Step 9: Create Sharable APK file for our App

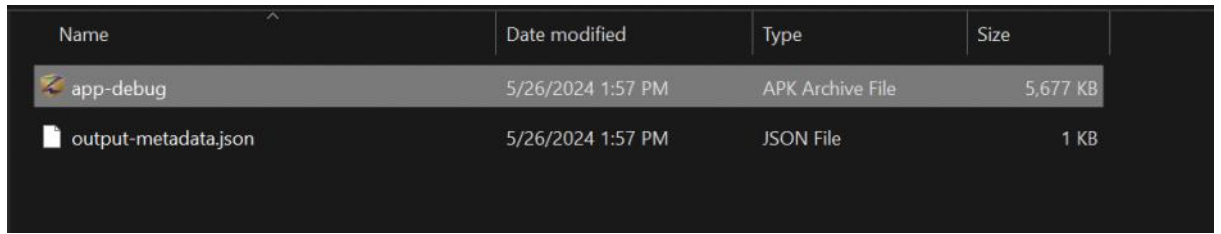
click on the four bars (options) on the top left corner.





After clicking, more options will appear,
Go to Build >> Build App Bundle(s)/APK(s) >> Build APK(s)
It will do some processing and take some time.
Sharable APK file will be created and you will get the prompt.



Click on locate, File Explorer will open where the APK is located. Go to Debug file. There will be a file named "app-debug" which is your sharable APK file.

A screenshot of a file explorer window with a dark theme. It displays a list of two files. The first file, 'app-debug', is highlighted with a grey background and has an APK icon. The second file, 'output-metadata.json', has a JSON icon. The columns are labeled 'Name', 'Date modified', 'Type', and 'Size'.

Name	Date modified	Type	Size
 app-debug	5/26/2024 1:57 PM	APK Archive File	5,677 KB
 output-metadata.json	5/26/2024 1:57 PM	JSON File	1 KB

Share it to whoever you want.