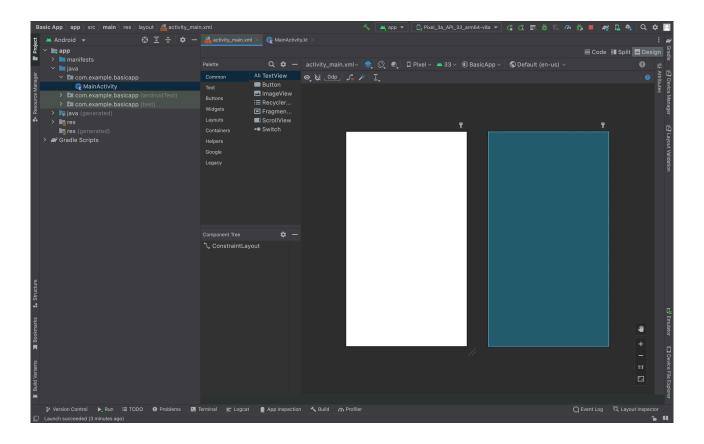
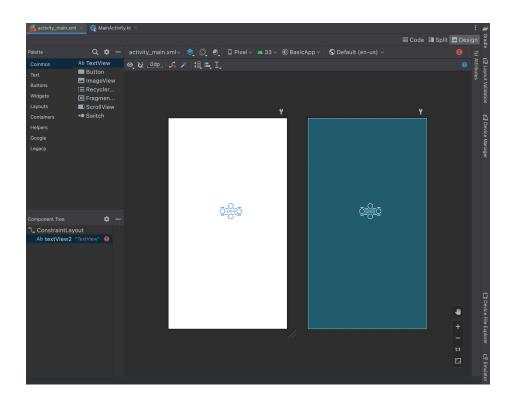
This is where we design our app. Put all the text fields, buttons etc. (widgets)



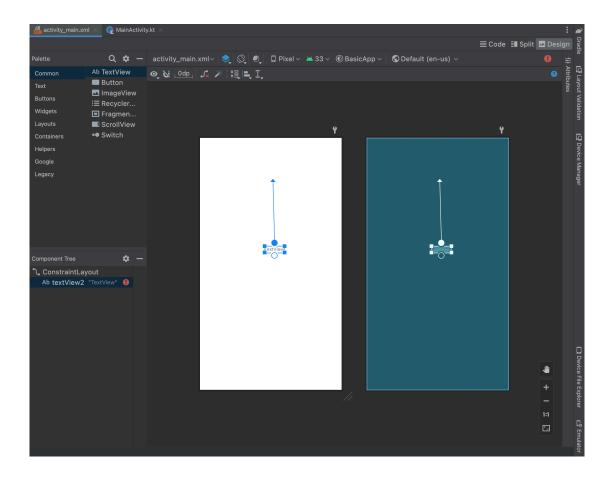
Just simply drag and drop

**Constraint Layout** - there are multiple types of layouts like linear, frame etc. These are containers and inside these containers we put our widgets. Every container has its own property

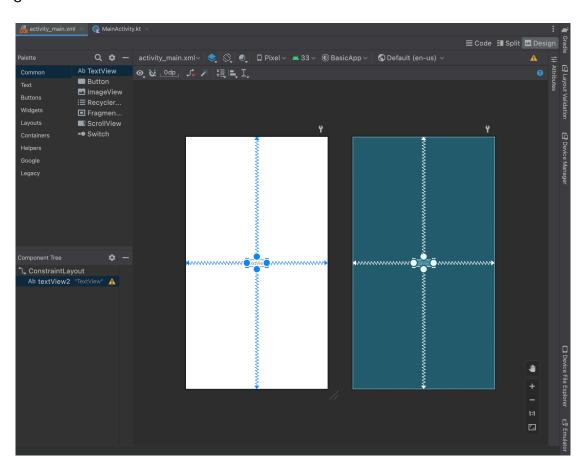
Simply drag a text view onto the screen



You can see the 4 circles on the 4 sides of the text view. Click on these and match them to the corners to place the position of your text in your app



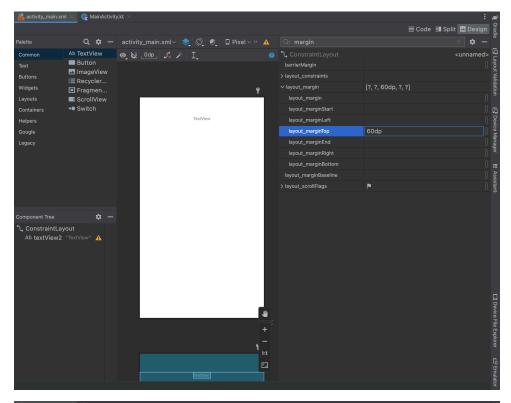
## Putting the box in centre

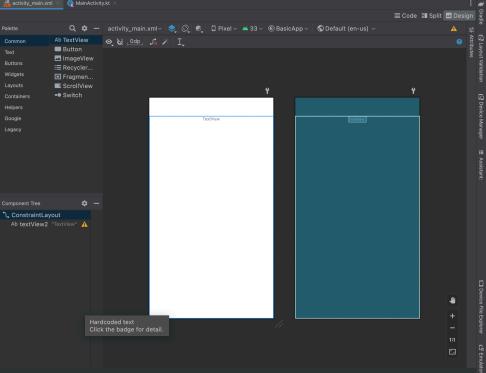


To place it at a particular position use margin on that particular side instead of the constraint

Ex- placing the text at the top with a little spacing

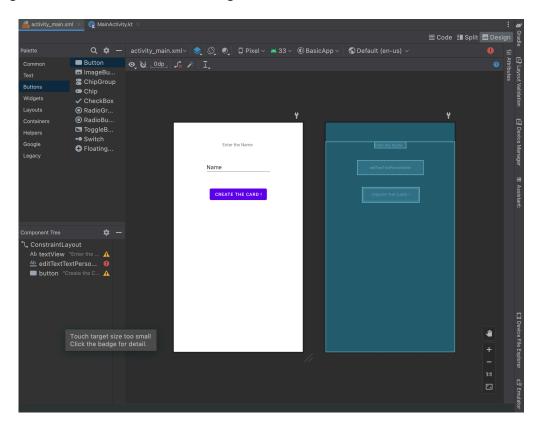
Click on attributes panel on the left side search for margin
Click on layout\_margin
Select layout\_marginTop
The values entered here are in dp ( density independent pixel )
Enter a desired value lets say 60dp



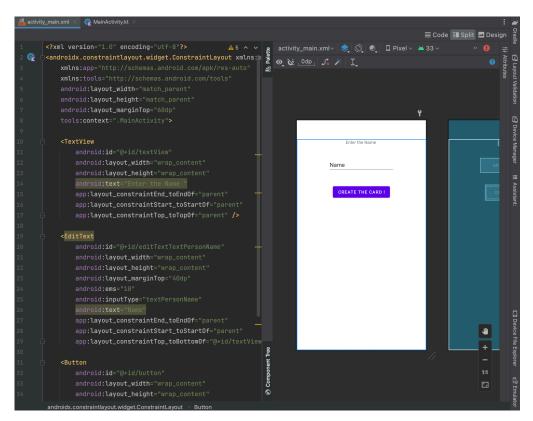


This is how you place your elements / widgets in you app and position them

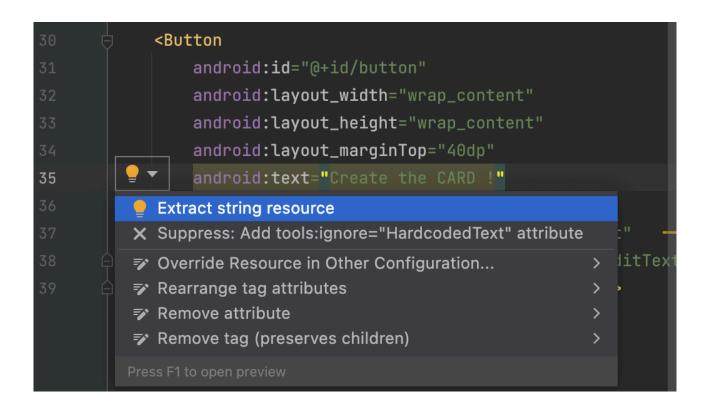
Doing the same for some more widgets

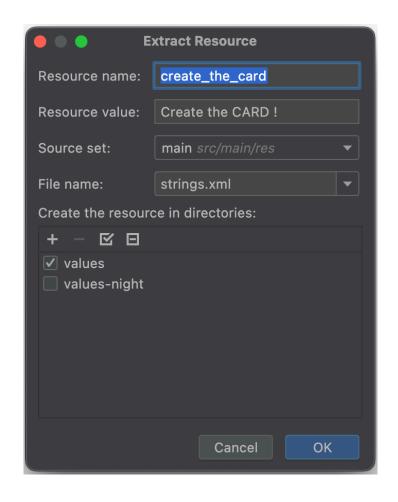


This was all done using widgets as we get more and more advanced in android we will just use code to do the same. To see the code for the same click on split on top left side



The text line is showing a warning (highlighted in yellow). This is because as previously discussed we have different files for storing our string resources (res folder) and the string we entered (Create the CARD!) is not in that file to put it in that file follow the steps







Android studio is very smart (most of the times (a)) so if its shows and warnings / errors go to the bulb option and resolve it, and hopefully it will get resolved without breaking other things.