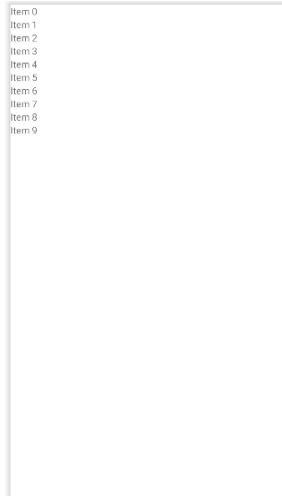# Assignment-3

This assignment is related to use of XML in android. There are several tasks which you need to implement in xml part to complete the Simple Blog App.

Q1. Designing Activity Main XML

Given below is the image of how your screen will look (inside android studio blueprint) when you will open activity_main.xml . Your task is to make this by modifying activity_start.xml file in layout folder in resources. Complete the sub tasks below to get your start activity done.

The given layout has parent layout as a relative layout. Add width and height attribute and match there value with parent. Also give the background colour as white.
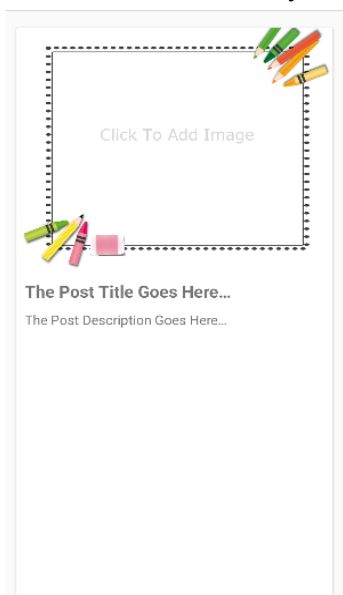
Add RecyclerView attribute inside this XML file. The view will have the following properties:
id : **blog_list** *(note: id is case sensitive do not mess with it and keep this as id only)*
height = width = same as screen

Q2. Designing blog_row.xml

Given below is the image of how your xml file will looklike when you will complete the tasks.

The file has parent view as Cardview. Your first task is to attributes to this by adding layout margin as 20dp and height & width same as that of screen.

You should now add a linear layout with width same as that of screen and height wrapping the content and orientation as vertical.
- The linear layout will have the following attributes ImageView and 2 TextView.
- For the ImageView the attributes should be set as
  id : **postImage** *(note: id is case sensitive do not mess with it and keep this as id only)*"
  width same as that of screen
  height set to 294dp
  adjustViewBounds="true"
  scaleType="centerCrop"
  app:srcCompat="@mipmap/border1"
- After this there will be post title Textview whose attributes are as follows:
  id : **postTitle** *(note: id is case sensitive do not mess with it and keep this as id only)*"
  width same as that of screen
  height is wrap_content
  start and top padding as 10dp
  text as "The post title goes here"
  textSize as 20sp
  and textStlye as Bold
- Finally the description textView will have the listed attributes
  id : **postDesc** *(note: id is case sensitive do not mess with it and keep this as id only)*"
  width same as that of screen
  height is wrap_content
  Start, bottom and top padding as 10dp
  text as "The post Description goes here"
  textSize as 16sp

Q3. Designing activity_post.xml
Given below is the image of how your xml file will looklike when you will complete the tasks.

The given layout has a parent layout as a relative layout. Add width and height attributes and match their value with screen size. Also, give the background color white.

Now add the Image button with following properties:
id : **selectImage** *(note: id is case sensitive do not mess with it and keep this as id only)*"
width same as that of screen
height set to 343dp
adjustViewBounds="true"
Background color as white
cropToPadding="true"
scaleType="centerCrop"
srcCompat="@mipmap/border1"
tools:layout_editor_absoluteX="0dp"
tools:layout_editor_absoluteY="-28dp"

Now add a linear layout with id:**linearLayout** width as a parent, height as wrap content layout margin as 10dp, and orientation as vertical. Then add two EditText with the following description:
EditText-1:
id : **imageTitleField"** *(note: id is case sensitive do not mess with it and keep this as id only)*"
width same as that of screen
height is wrap_content
layout top-margin 30dp
background should be selected from the drawable folder named input_border
ems:10
hint as Post Title
importantForAutofill="no"
inputType="textPersonName"
padding="10dp"
textSize="20sp"

EditText-2:
id : **imageDescriptionField** *(note: id is case sensitive do not mess with it and keep this as id only)*"
width same as that of screen
height is wrap_content
layout top-margin 30dp
background should be selected from drawable folder named as input_border
ems:10
hint as Post Title
importantForAutofill="no"
inputType="textPersonName"
padding="10dp"
textSize="20sp"

Finally, add a button in the end with these attributes:
id : **postButton** *(note: id is case sensitive do not mess with it and keep this as id only)*"
width same as that of screen
height is wrap_content
text as "Submit Post"
textColor as white
textSize as 20sp