



Layout Exercises



Linear layout exercises

Instructions:

- You will work on creating Linear and Constraint layouts using the Layout Editor in AS.
- There are 3 screens to be re-created using the `LinearLayout` and 5 screens for `ConstraintLayout`s.
- You should create a new project for your `LinearLayout` work. Convert the `ConstraintLayout` to `LinearLayout`.
- Add the necessary Buttons and arrange them as needed.
- You may reuse the layout for the subsequent screens.
- Use only Buttons as the only views in all the layouts.

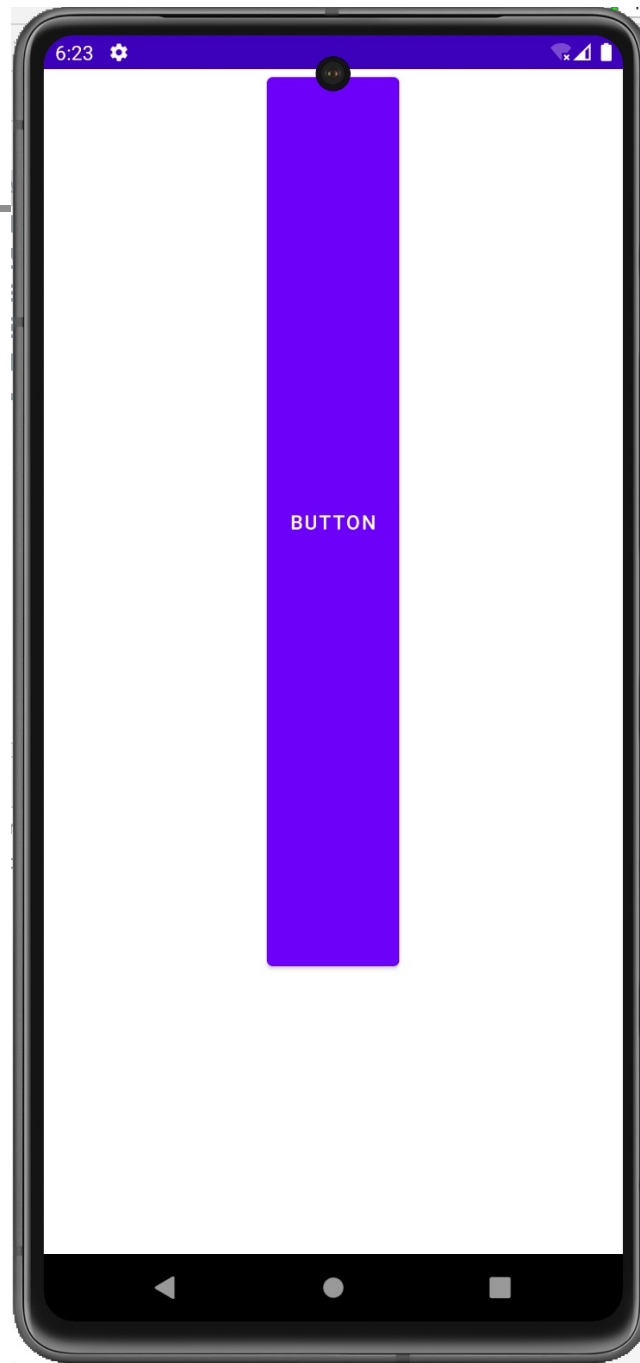


Linear layout exercises

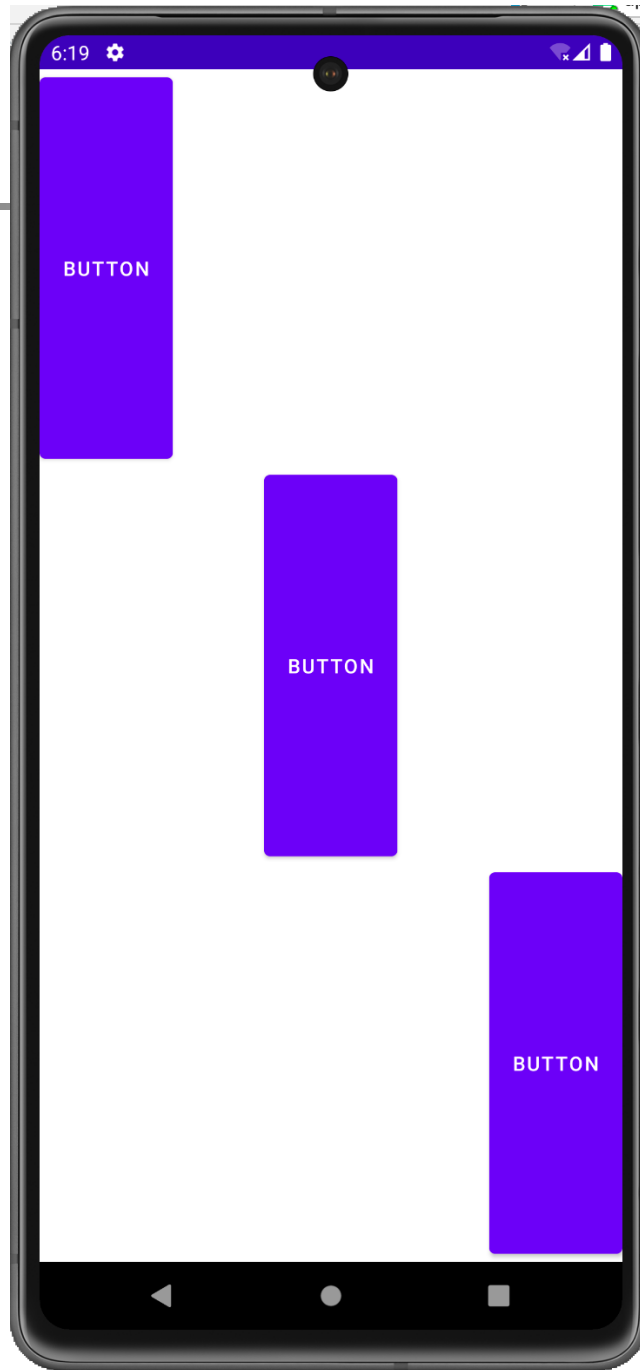
- **You *must not* use any padding or margins in layouts.**
- Pay close attention to the correct placement of the buttons.
- Do not worry about the colors or labels of the Buttons, except for labels in the last ConstrainLayout example.
- Take screenshots of all of your layouts as you complete them.
- **Save the screenshots in files with names corresponding to the examples in this document, i.e., L1-L3 and C1-C5.**
- Submit the screenshots to the **Layout Exercises** folder on eLC. It is in the **In-class** category.
- **You must submit at least 3 linear and 3 constraint layouts.**

L-1

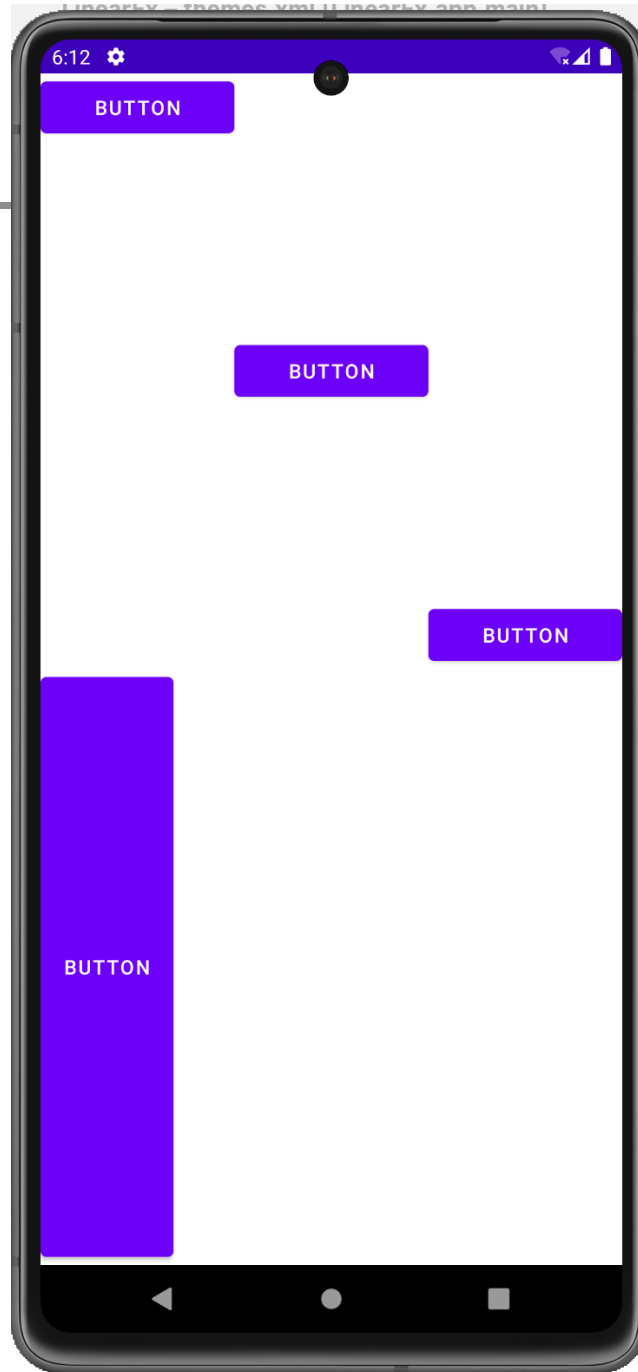
The button
is $\frac{3}{4}$ height
of the screen



L-2



L-3

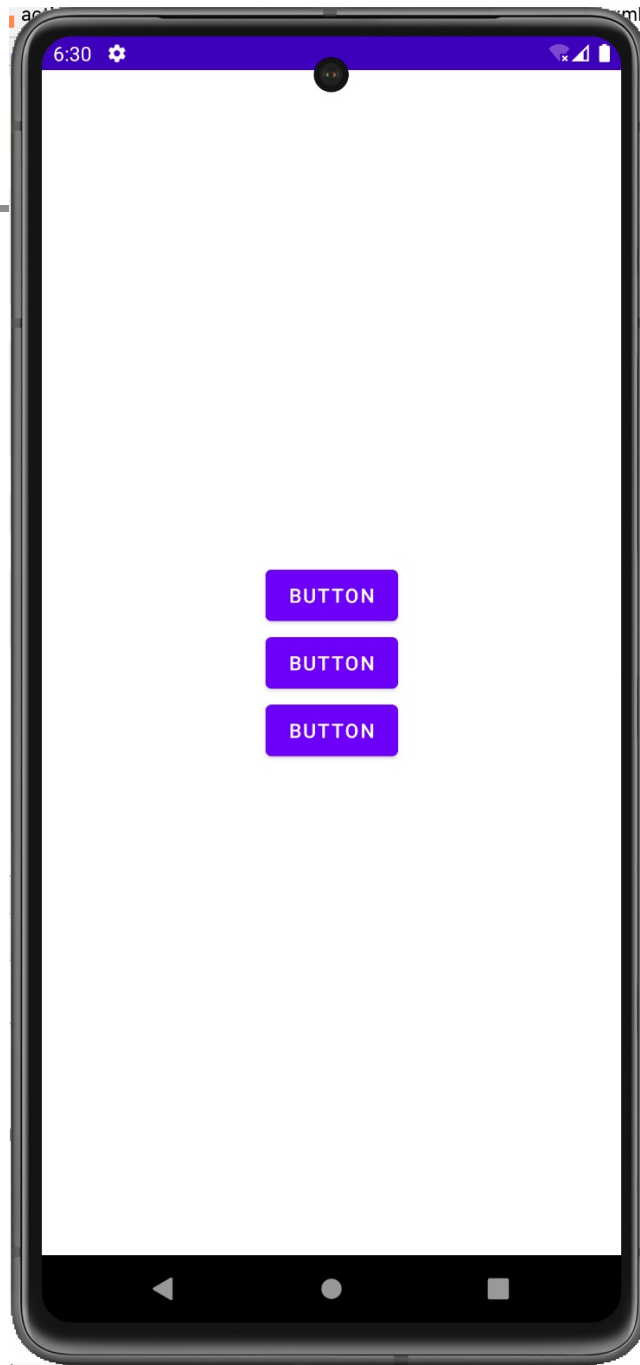




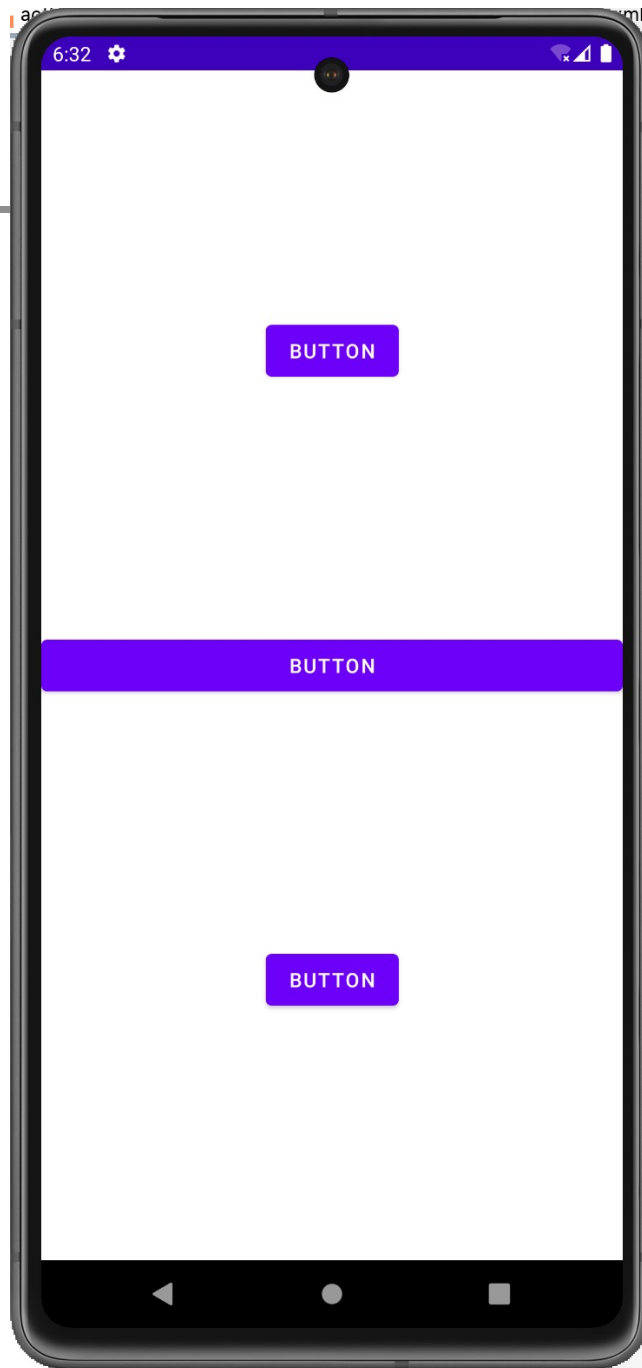
Constraint layout exercises

- You *must not* use any padding or margins in your layouts.
- You *must not* use bias, either horizontal or vertical.
- You may and should use chains, and other constraints, as needed.
- Note: a view may belong to two chains: a horizontal one and a vertical one.
- Each of the two chains may have a different style (packed, spread, etc.).

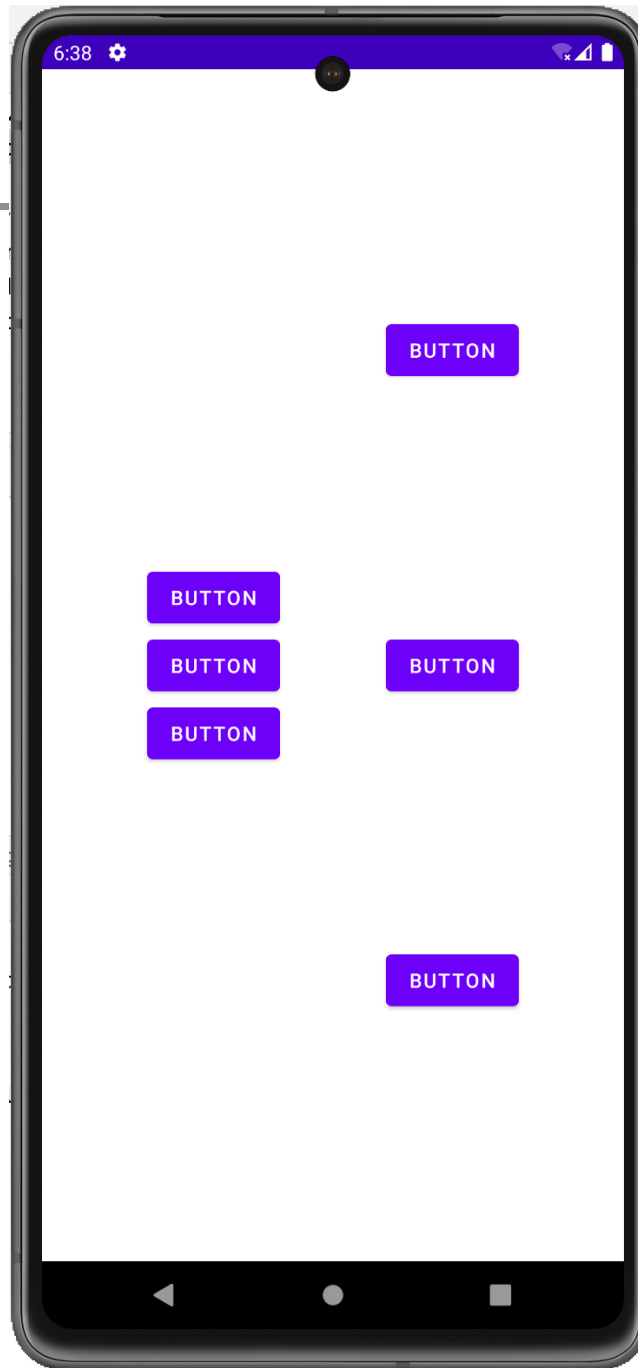
C-1



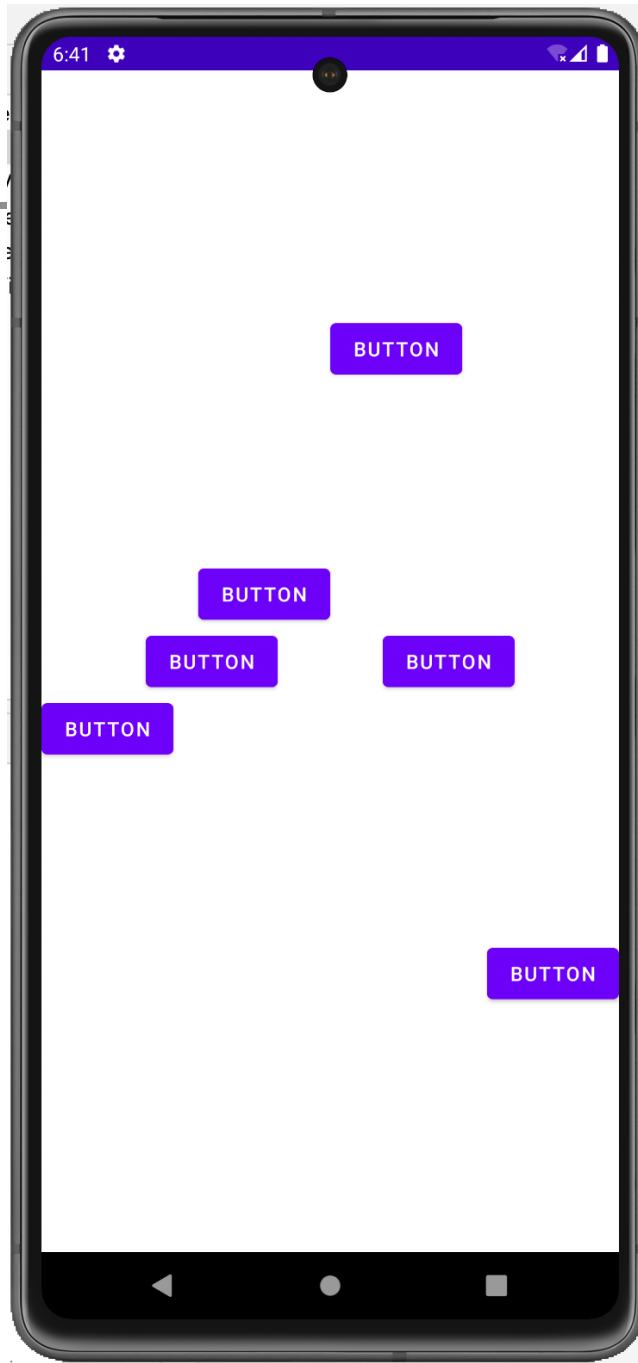
C-2



C-3



C-4



C-5
(challenging!)

Don't worry about
the colors!

