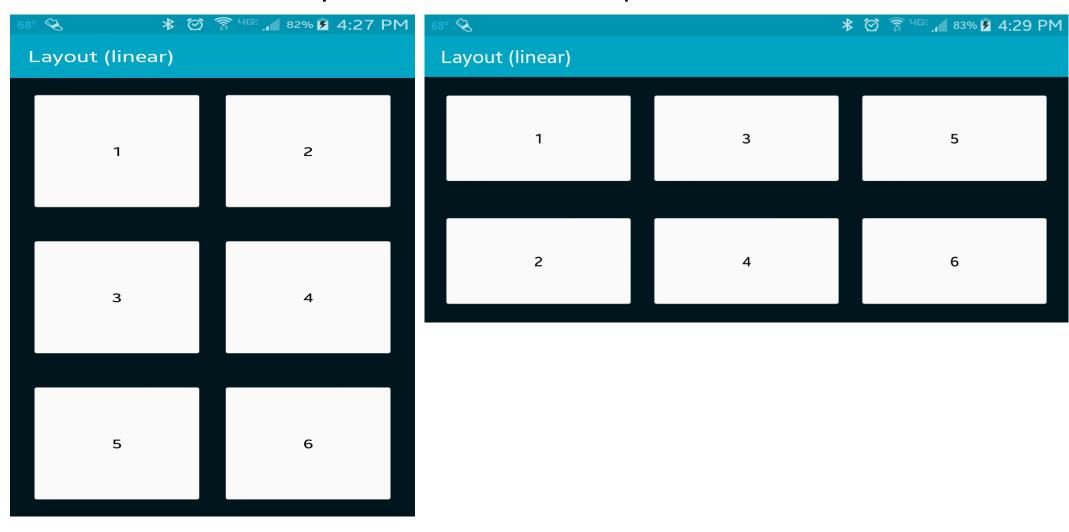
Android – Layout (linear)

- Shows use of LinearLayout for portrait and landscape mode
- Displays six buttons arranged according to orientation
- Layout resource is referenced via indentifier R.layout.main
- Layout resource is picked based on screen orientation:
 - res/layout/main.xml portrait mode
 - res/layout-land/main.xml landscape mode
- Layout resource uses:
 - LinearLayout on top-level of view hierarchy
 - Nested Linearlayouts to achieve portrait/landscape orientation

Layout parameters in <Button> must match capabilities defined in LinearLayout

- Layout resources uses:
 - 3 nested LinearLayout to achieve portrait orientation of six button
 - 2 nested LinearLayout to achieve landscape orientation



References

- Layout objects
- <u>LinearLayout</u>
- LinearLayout.LayoutParams
- Button

Exercise

• Change the application such that the positions of the buttons 1 and 6 are swapped in landscaped mode (i.e., button "6" should be in the upper left corner). The position of the buttons in portrait mode should remain unchanged.