

# Mobile Development Club

Episode 3

What are Views & ViewGroups?

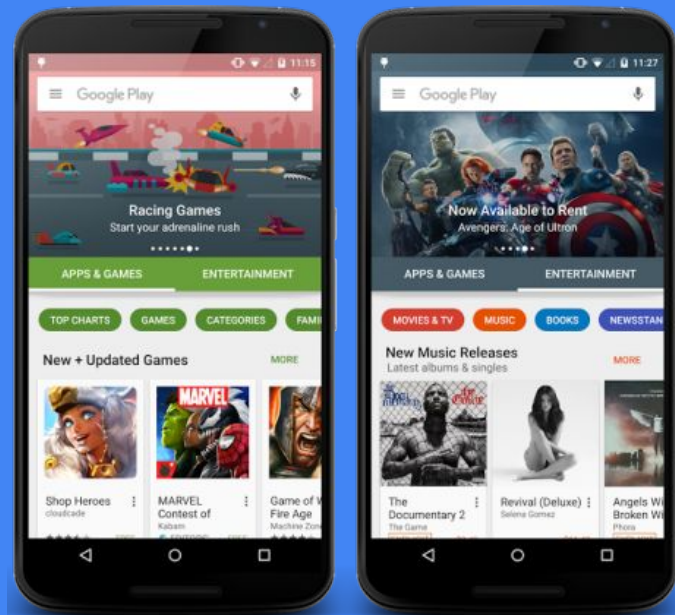


# Review

# User Interface II

# RelativeLayout

Position views based on the parent or other child views



# Layout Parameters

Relative to parent ([XML Visualizer](#))

- `android:layout_alignParentTop`
- `android:layout_alignParentRight`
- `android:layout_alignParentBottom`
- `android:layout_alignParentLeft`
- `android:layout_centerHorizontal`
- `android:layout_centerVertical`

Relative to children ([XML Visualizer](#))

- `android:layout_toTheLeftOf`
- `android:layout_toTheRightOf`
- `android:layout_above`
- `android:layout_below`

# View ID's

In order to reference other views, we need to assign them View ID's

To assign an ID to a view, add the id attribute to the view's XML

```
android:id="@+id/my_text_view"
```

# Spacing ([XML Visualizer](#))

## Padding

- Expands the space the view *takes up* (stretch)
- Units are in dp
- `android:padding`
  - `android:paddingTop`
  - `android:paddingRight`
  - `android:paddingBottom`
  - `android:paddingLeft`

## Margin

- Expands the space *around* the view (forcefield)
- Units are in dp
- `android:margin`
  - `android:marginTop`
  - `android:marginRight`
  - `android:marginBottom`
  - `android:marginLeft`

# Android Studio





Hello World



# About Me



Fan/Business App

