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Layout XML Code (Cont.)

Line 13: android:layout_weight = "0.07"

The `android:layout_weight` assigns an "importance" value to a view in terms of how much space it should occupy on the screen. A larger weight value allows it to expand to fill any remaining space in the parent view.

Line 05: android:weightSum="1"

Defines the maximum weight sum. If unspecified, the sum is computed by adding the `layout_weight` of all of the children.

Line 06: android:gravity="center"

This attribute specifies how to place the content of an object, both on the x- and y-axis, within the object itself. The value `center` places the object in the center of its container in both the vertical and horizontal axis, not changing its size.

Line 9. android:textAppearance = "? android:attr/textAppearanceLarge"

This corresponds to the global attribute resource symbol `textAppearance`, which specifies base text color, typeface, size, and style. Must be a reference to another resource, in the form

```
@[+][package:]type:name
```

such as `@android:color/black` or to a theme attribute in the form

```
?[package:][type:]name"
```

such as `?android:attr/textColorPrimary`.

HelloWorld/app/src/main/res/layout/activity_main.xml

```
01   <LinearLayout
02     xmlns:android                = "http://schemas.android.com/apk/res/android"
03     android:orientation          = "vertical"
04     android:layout_width         = "fill_parent"
05     android:layout_height        = "fill_parent"
06     android:weightSum            = "1"
07     android:gravity              = "center">
08     <TextView
09       android:layout_width       = "wrap_content"
10       android:layout_height      = "wrap_content"
11       android:textAppearance     = "?android:attr/textAppearanceLarge"
12       android:text               = "Hello, your name:"
13       android:layout_weight      = "0.07"
14       android:textStyle          = "bold" />
15     <EditText
16       android:layout_width       = "216dp"
17       android:layout_height      = "wrap_content"
18       android:id                 = "@+id/name" />
19     <Button
20       android:layout_width       = "wrap_content"
21       android:layout_height      = "wrap_content"
22       android:text               = "@string/next_page"
23       android:id                 = "@+id/next" />
24   </LinearLayout>
```

Slide 8.8: Layout XML code (cont.)
Slide 8.10: Layout XML code (cont.)
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