

Slide 11.3: build.gradle (Module: app)

Slide 11.5: Strings

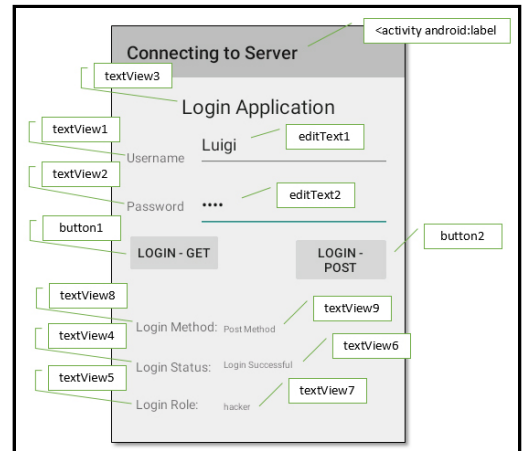
Home



Layout XML Code

The following three classes are included in the only one page of this app:

- [TextView](#), which is for the 9 labels,
- [EditText](#), which is for the 2 user inputs, and
- [Button](#), which is for the 2 buttons.



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

```

001 <RelativeLayout
002     xmlns:android = "http://schemas.android.com/apk/res/android"
003     xmlns:tools = "http://schemas.android.com/tools"
004     android:layout_width = "match_parent"
005     android:layout_height = "match_parent"
006     android:paddingBottom = "@dimen/activity_vertical_margin"
007     android:paddingLeft = "@dimen/activity_horizontal_margin"
008     android:paddingRight = "@dimen/activity_horizontal_margin"
009     android:paddingTop = "@dimen/activity_vertical_margin"
010     tools:context = ".MainActivity" >
011
012     <EditText
013         android:id = "@+id/editText1"
014         android:ems = "10"
015         android:layout_width = "wrap_content"
016         android:layout_height = "wrap_content"
017         android:layout_marginTop = "40dp"
018         android:layout_alignParentRight = "true"
019         android:layout_alignParentTop = "true" >
020     <requestFocus android:layout_width = "wrap_content" />
021 </EditText>
022
023     <EditText
024         android:id = "@+id/editText2"
025         android:ems = "10"
026         android:layout_width = "wrap_content"
027         android:layout_height = "wrap_content"
028         android:layout_alignRight = "@+id/editText1"
029         android:layout_below = "@+id/editText1"
030         android:layout_marginTop = "25dp"
031         android:inputType = "textPassword" >
032 </EditText>

```

```
033
034 <TextView
035     android:id      = "@+id/textView1"
036     android:text    = "@string/Username"
037     android:layout_width  = "wrap_content"
038     android:layout_height = "wrap_content"
039     android:layout_alignBottom    = "@+id/editText1"
040     android:layout_alignParentLeft = "true" />
041
042 <TextView
043     android:id      = "@+id/textView2"
044     android:text    = "@string/Password"
045     android:layout_width  = "wrap_content"
046     android:layout_height = "wrap_content"
047     android:layout_alignBaseline    = "@+id/editText2"
048     android:layout_alignBottom    = "@+id/editText2"
049     android:layout_alignParentLeft = "true" />
050
051 <TextView
052     android:id      = "@+id/textView3"
053     android:text    = "@string/App"
054     android:layout_width  = "wrap_content"
055     android:layout_height = "wrap_content"
056     android:layout_alignParentTop    = "true"
057     android:layout_centerHorizontal = "true"
058     android:textAppearance = "?android:attr/textAppearanceLarge" />
059
060 <TextView
061     android:id      = "@+id/textView4"
062     android:text    = "@string/LoginStatus"
063     android:layout_width  = "wrap_content"
064     android:layout_height = "wrap_content"
065     android:layout_alignLeft    = "@+id/textView8"
066     android:layout_below    = "@+id/button1"
067     android:layout_marginTop = "80dp" />
068
069 <TextView
070     android:id      = "@+id/textView5"
071     android:text    = "@string/LoginRole"
072     android:layout_width  = "wrap_content"
073     android:layout_height = "wrap_content"
074     android:layout_below    = "@+id/textView6"
075     android:layout_marginTop = "27dp"
076     android:layout_toLeftOf    = "@+id/editText1" />
077
078 <TextView
079     android:id      = "@+id/textView6"
080     android:text    = "@string/Status"
081     android:textSize    = "10sp"
082     android:layout_width  = "wrap_content"
083     android:layout_height = "wrap_content"
084     android:layout_alignTop    = "@+id/textView4"
085     android:layout_centerHorizontal = "true"
086     android:textAppearance = "?android:attr/textAppearanceMedium" />
087
088 <TextView
089     android:id      = "@+id/textView7"
090     android:text    = "@string/Role"
091     android:textSize    = "10sp"
092     android:layout_width  = "wrap_content"
093     android:layout_height = "wrap_content"
094     android:layout_alignBottom    = "@+id/textView5"
095     android:layout_alignLeft    = "@+id/textView6"
096     android:textAppearance    = "?android:attr/textAppearanceMedium" />
097
```

```
098 <TextView
099     android:id      = "@+id/textView8"
100     android:text    = "@string/method"
101     android:layout_width  = "wrap_content"
102     android:layout_height = "wrap_content"
103     android:layout_above  = "@+id/textView6"
104     android:layout_alignLeft    = "@+id/textView5"
105     android:layout_marginBottom = "25dp" />
106
107 <TextView
108     android:id      = "@+id/textView9"
109     android:text    = "@string/Choose"
110     android:textSize      = "10sp"
111     android:layout_width  = "wrap_content"
112     android:layout_height = "wrap_content"
113     android:layout_alignBottom = "@+id/textView8"
114     android:layout_alignLeft  = "@+id/textView6"
115     android:textAppearance = "?android:attr/textAppearanceMedium" />
116
117 <Button
118     android:id      = "@+id/button1"
119     android:text    = "@string/LoginGet"
120     android:onClick = "loginGet"
121     android:layout_width  = "wrap_content"
122     android:layout_height = "wrap_content"
123     android:layout_alignBaseline = "@+id/button2"
124     android:layout_alignBottom  = "@+id/button2"
125     android:layout_alignLeft    = "@+id/textView2" />
126
127 <Button
128     android:id      = "@+id/button2"
129     android:text    = "@string/LoginPost"
130     android:onClick = "loginPost"
131     android:layout_width  = "wrap_content"
132     android:layout_height = "wrap_content"
133     android:layout_centerVertical = "true"
134     android:layout_toRightOf      = "@+id/textView6" />
135
136 </RelativeLayout>
```

[Slide 11.3: build.gradle \(Module: app\)](#)

[Slide 11.5: Strings](#)

[Home](#)

