

Using Toast

Create new Project Named: Week 7 > Blank Module

Toast Anyone?

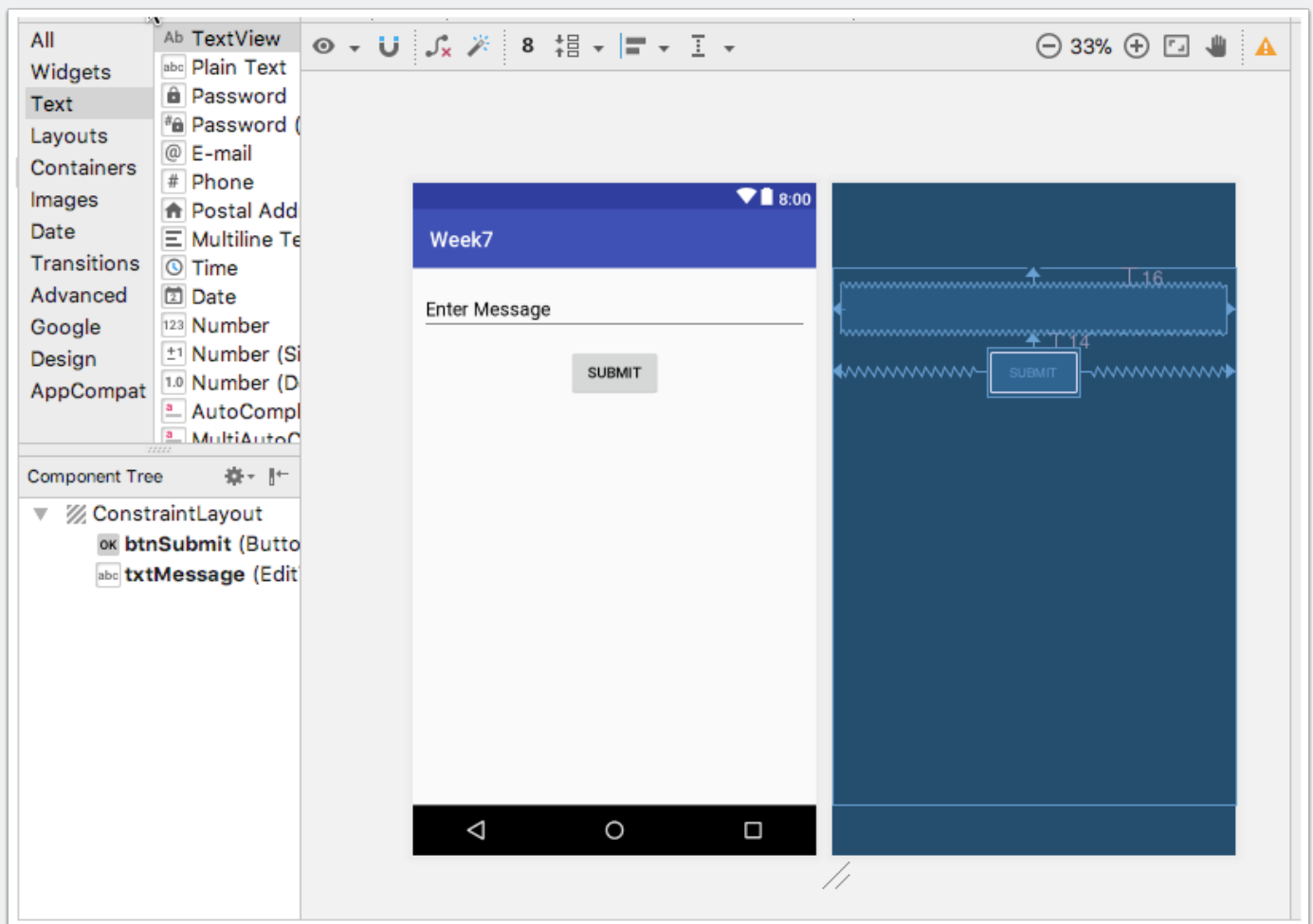
Week 7



Using Toast

Add Objects

1. EditText (PlainText); Name:txtMessage; Text: NULL;Hint: Enter Message; Place at top at first horizontal snap guide.
2. Choose Pack > Horizontal
3. Button; Name: btnSubmit; Text: Submit; Place in Center just a bit below Edit Text
4. Select all objects > Clear Constraints
5. Select Infer Constraints



Using Toast

MainActivity.kt

1. EditText (PlainText); Name:txtMessage; Text: NULL;Hint: Enter Message; Place at top at first horizontal snap guide.
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```
3 import android.content.Context
4 import android.support.v7.app.AppCompatActivity
5 import android.os.Bundle
6 import android.view.inputmethod.InputMethodManager
7 import android.widget.Button
8 import android.widget.EditText
9 import android.widget.Toast
10 class MainActivity : AppCompatActivity() {
11     override fun onCreate(savedInstanceState: Bundle?) {
12         super.onCreate(savedInstanceState)
13         setContentView(R.layout.activity_main)
14         //bind objects
15         var txtMessage = findViewById<EditText>(R.id.txtMessage)
16         var btnSubmit = findViewById<Button>(R.id.btnSubmit)
17         //get focus on txtMessage at runtime
18         txtMessage.requestFocus()
19         //Submit Button Action
20         btnSubmit.setOnClickListener{
21             //Showing message by concatenating string and ${variable}
22             //adding Toast message. DO NOT TYPE IN GREYSCALE TEXT context: and text:
23             Toast.makeText( context: this, text: "The Message is: ${txtMessage.text.toString()}",Toast.LENGTH_LONG) .show()
24             //Hide Keyboard
25             hideKeyboard()
26             //clear txtMessage
27             txtMessage.setText("")
28             //Set focus back on txtMessage
29             txtMessage.requestFocus()
30         }
31     }
32     fun hideKeyboard() {
33         try {
34             val imm = getSystemService(Context.INPUT_METHOD_SERVICE) as InputMethodManager
35             imm.hideSoftInputFromWindow(currentFocus!!.windowToken, flags: 0)
36         } catch (e: Exception) {
37             // TODO: handle exception
38         }
39     }
40 }
41 }
```

Using Toast

Test Time

1. Enter in Message
2. Tap Submit Button
3. Toast Should Appear, Keyboard Should Hide and Focus go back to txtMessage!

