Android – HelloWorld (decl)
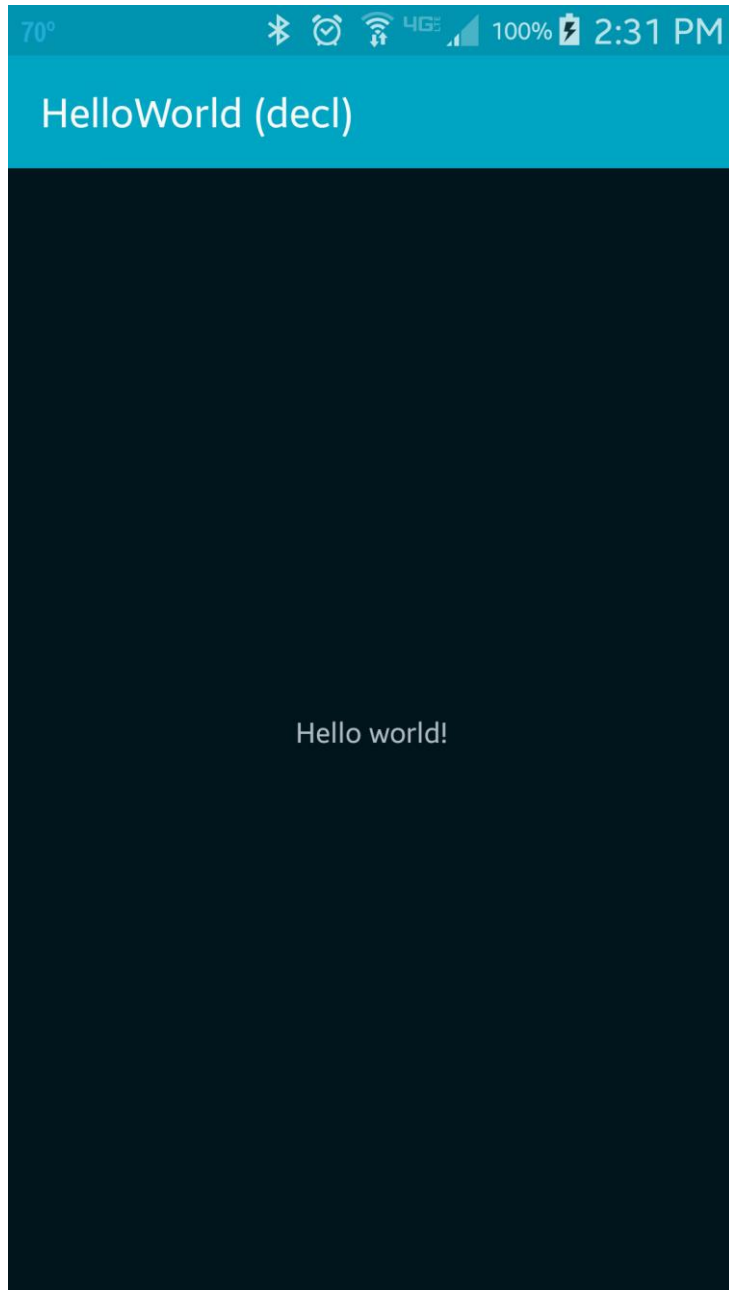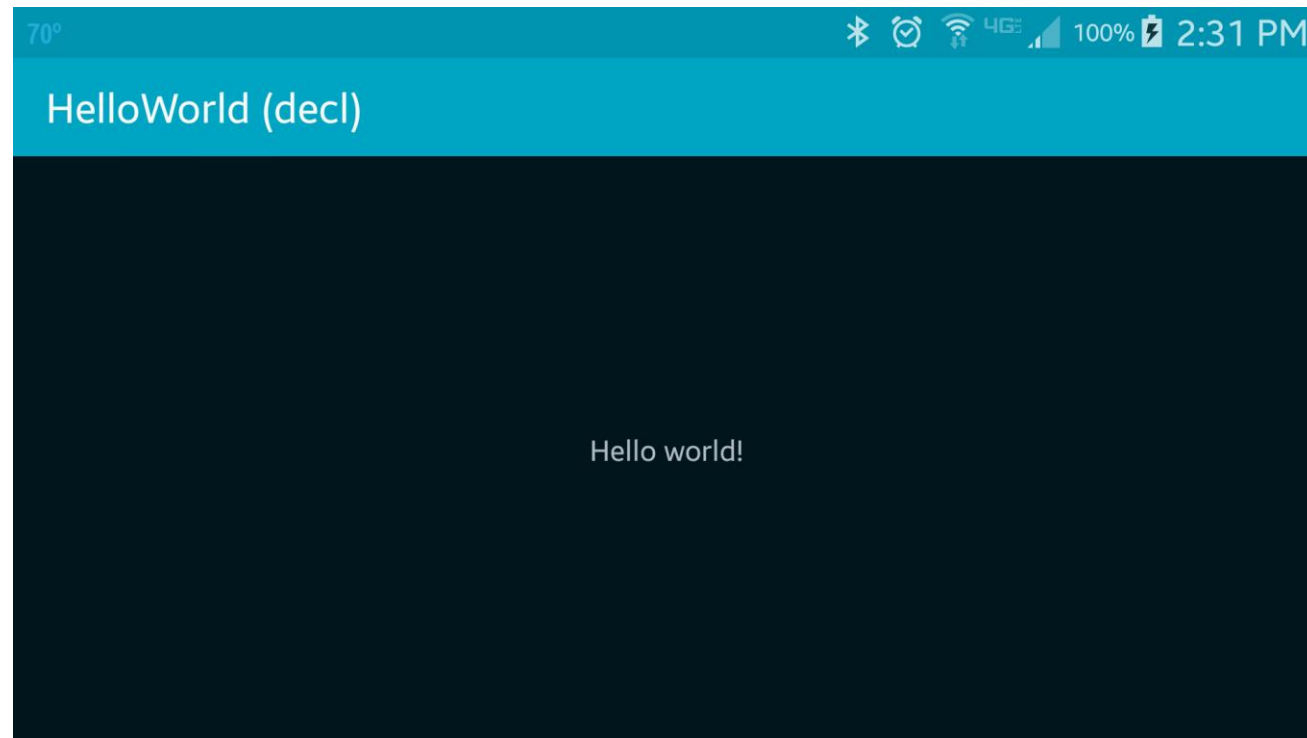
- Simple "Hello World" which uses declarative layout
- Layout described in layout file
  - XML syntax – res/layout/main.xml
  - XML-tags correspond to Java classes of the same name from Android Library
  - XML-attributes correspond to methods of the respective class
    - `android:text => TextView.setText()`
  - The nesting of the XML elements represents the view hierarchy
- Android SDK uses the basename of the file to generate JAVA identifier with unique ID in R-class
  - Can be referenced via `R.layout.main`
- `setContentView(R.layout.main)`
  - Overloaded version takes ID as parameters; ID is referenced via R-class

- The "Hello World" is displayed at the center of the screen
  - android:layout_centerInParent="true"
- Relative layout is used
- This application works partially when compiled using XMLVM. Rotation does not work.

References

- [Layout](#)
- [Declaring Layout](#)
- [R-Class](#)

Exercise

- Change the message that will be displayed to "Hi there!"