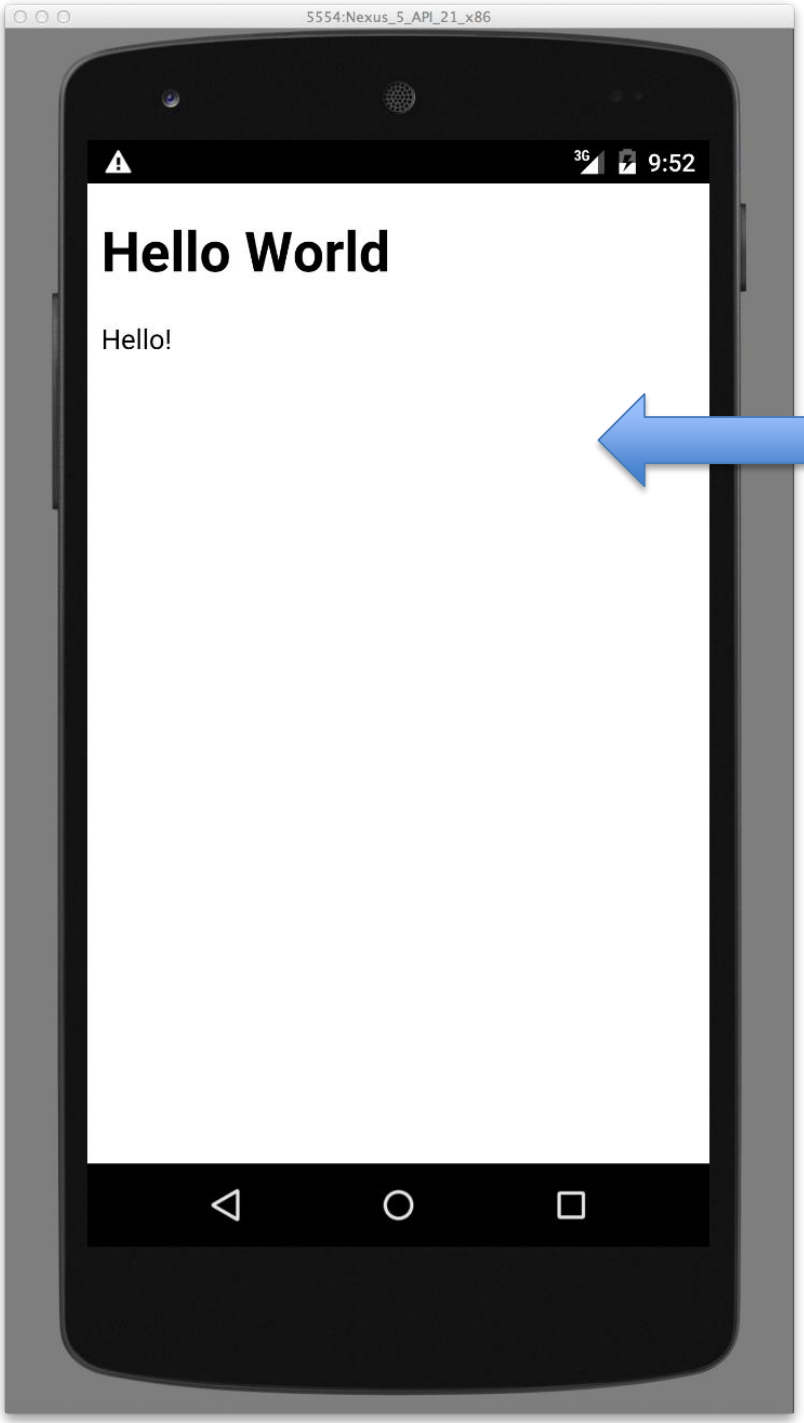
# Creative Apps

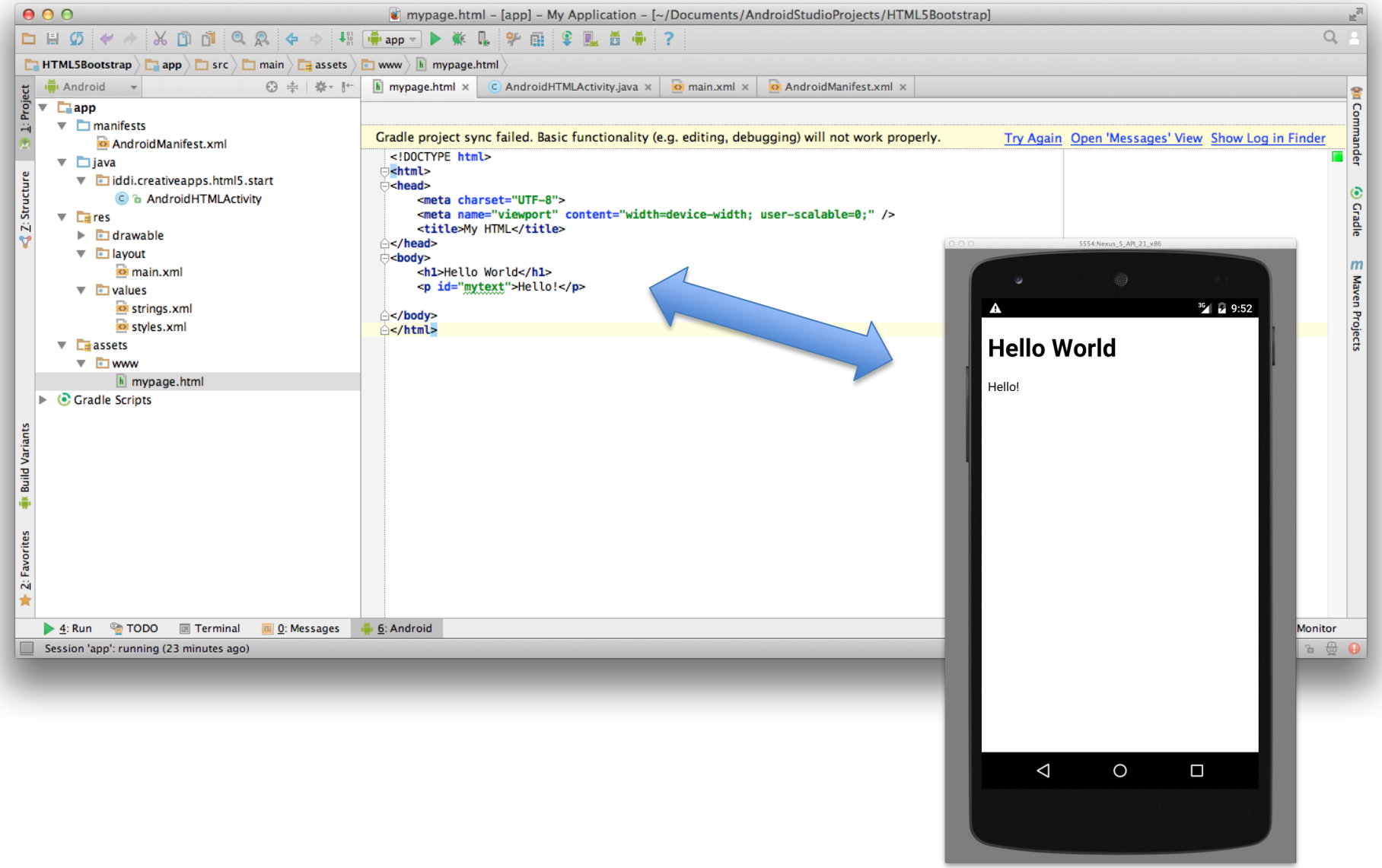
Building the first app with HTML5



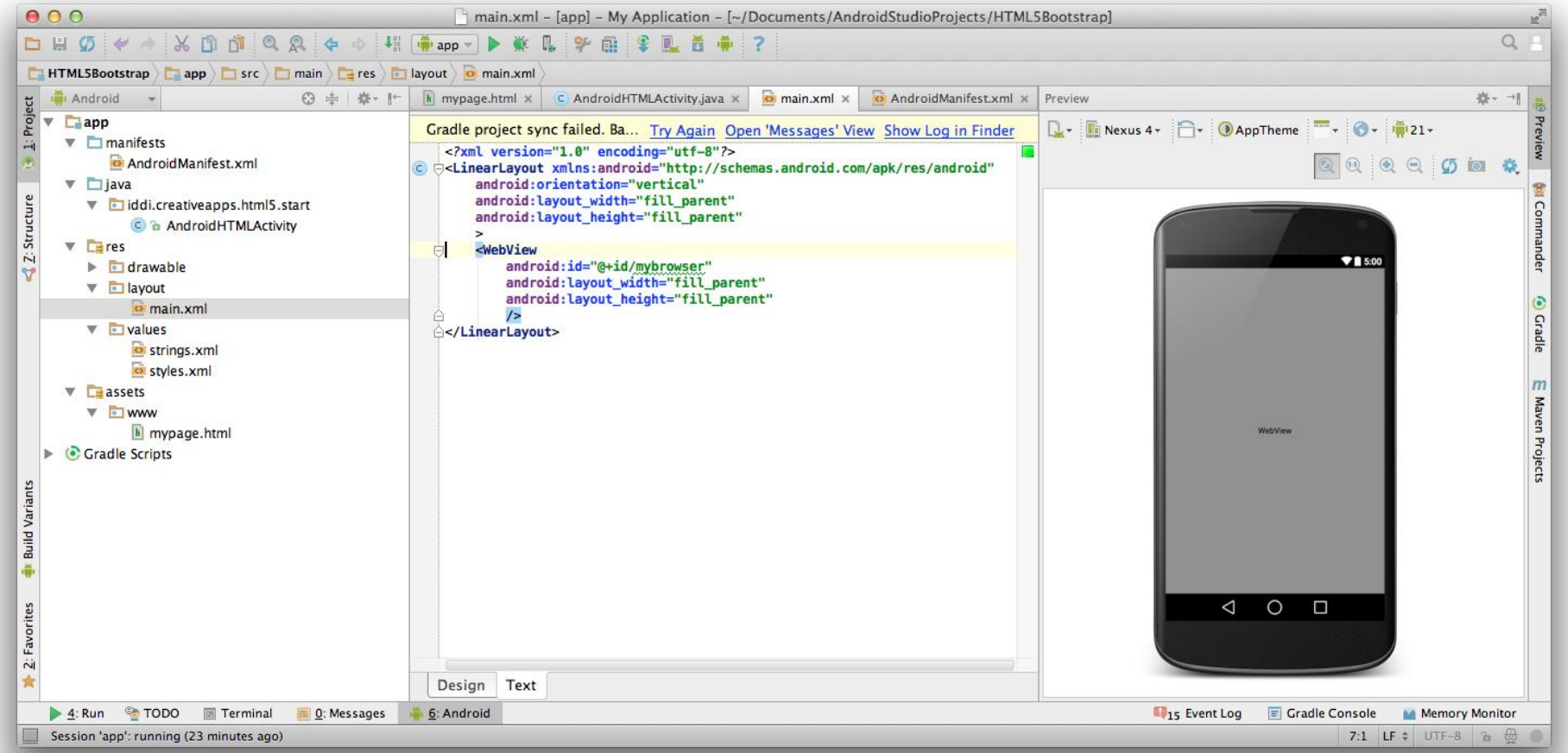

HTML file

App container with a "WebView" that shows the HTML contents

# HTML file

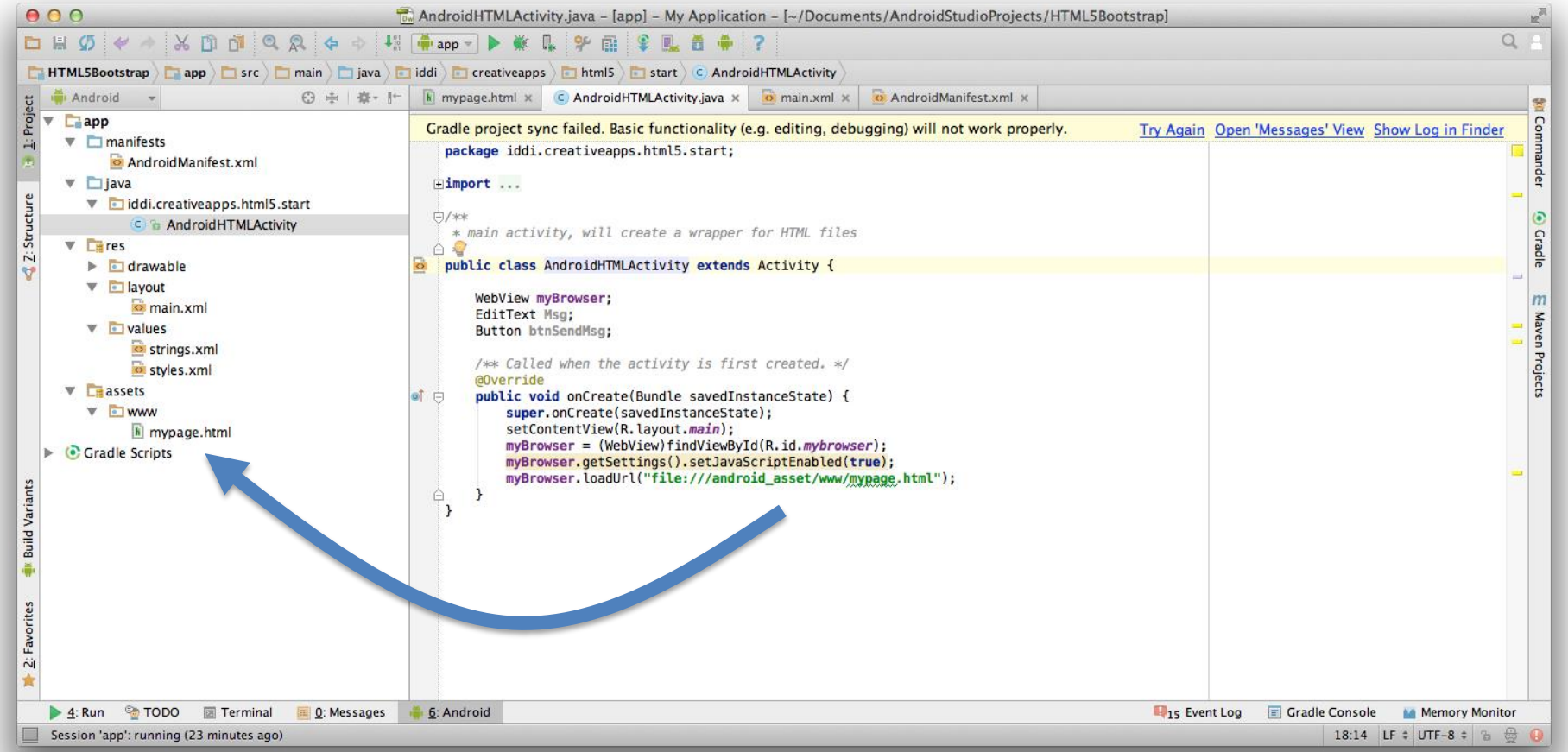

mypage.html – [app] – My Application – [~/Documents/AndroidStudioProjects/HTML5Bootstrap]
HTML5Bootstrap
app
src
main
assets
www
mypage.html
Android
app
manifests
AndroidManifest.xml
java
iddi.creativeapps.html5.start
AndroidHTMLActivity
res
drawable
layout
main.xml
values
strings.xml
styles.xml
assets
www
mypage.html
Gradle Scripts
mypage.html
AndroidHTMLActivity.java
main.xml
AndroidManifest.xml
Gradle project sync failed. Basic functionality (e.g. editing, debugging) will not work properly.
Try Again
Open 'Messages' View
Show Log in Finder
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width; user-scalable=0;" />
<title>My HTML</title>
</head>
<body>
<h1>Hello World</h1>
Hello!
</body>
</html>
4: Run
TODO
Terminal
0: Messages
6: Android
Monitor
Session 'app': running (23 minutes ago)
Hello World
Hello!

# App layout



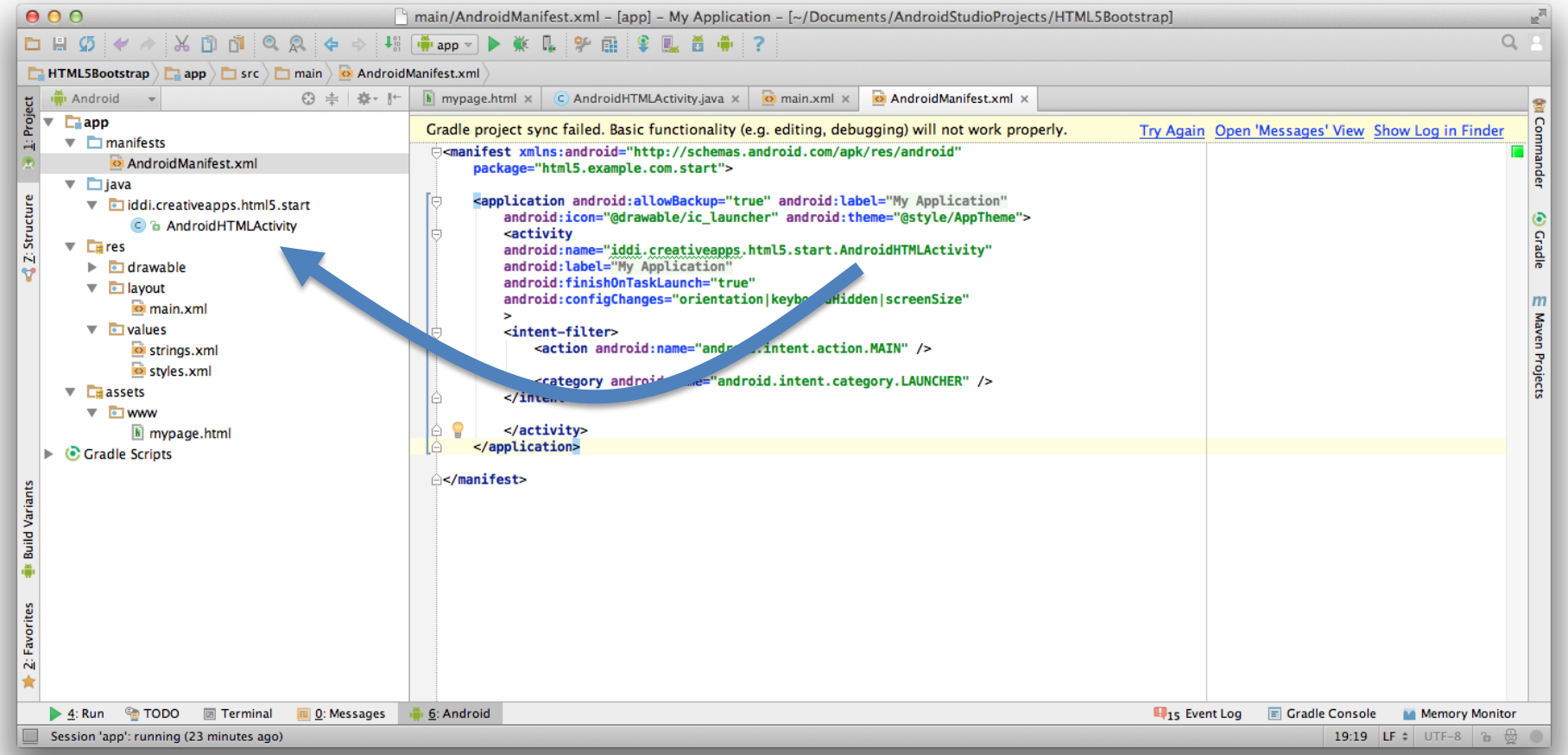

The layout has only one component: a “WebView” that shows the HTML content.

# WebView Activity




The “WebView” is started in the main Activity, and pointed to the HTML file in the *assets* directory.

# App configuration file




The Activity “AndroidHTMLActivity” is referenced in the main configuration file as the starting point of the app.

# References

Android WebView

https://developer.chrome.com/multidevice/webview/overview

https://developer.chrome.com/multidevice/webview/gettingstarted

GitHub repository

https://github.com/iddi/creativeapps