**Android Lab - Hello Android**

**Part 1 - Android Studio and Emulator Setup**

1. Make sure you can create a project, an emulator, and can run your Hello app on an emulator.

* Can you get your app running in an AVD?

Yes

1. Running your app on a real device

* What do you need to do to a factory device before you can run your own app on it?
* (*Optional – if you have an Android device to use*) Could you get your app running on a real device?

Put it in developer mode.

1. Change the app\_name String in strings.xml and change the TextView's text in activity\_main.xml.

* Take a screenshot of your app running with the new Strings, and paste it here

Text

Description automatically generated



1. Add a log message, as described in the slides. Run your app and verify you see the log message in LogCat.

* Add a screenshot of your log message in LogCat

Graphical user interface, text

Description automatically generated

1. Spend some time browsing Android Studio and familiarize yourself with where code and resources are found.

* Done?

Yes

1. Spend some time experimenting with the emulator. Click on the three … icon in the right menu bar to open the extended controls and browse the controls.

* How can you rotate the emulator? - in the Device Pose menu under Virtual sensors
* Can you send a mock text message to the emulator? - Yup
* Can you set the location the emulator believes it to be located at? - Yes