

SCS 3212 – MOBILE APPLICATION DEVELOPMENT

Practical 01 - Setting up the environment

1. Download and install Android Studio.

<https://developer.android.com/codelabs/basic-android-kotlin-compose-install-android-studio>

2. Add a virtual device.

<https://developer.android.com/studio/run/managing-avds>

3. Creating your first android application.

<https://developer.android.com/codelabs/basic-android-kotlin-compose-first-app?continue=https%3A%2F%2Fdeveloper.android.com%2Fcourses%2Fpathways%2Fandroid-basics-compose-unit-1-pathway-2%23codelab-https%3A%2F%2Fdeveloper.android.com%2Fcodelabs%2Fbasic-android-kotlin-compose-first-app%3Baauthuser=1&authuser=1#0>

4. Run your application on an emulator.

<https://developer.android.com/studio/run/emulator>

5. Run your application on a hardware device.

<https://developer.android.com/studio/run/device>

6. Using Kotlin compiler - <https://youtu.be/xd4Kpi1hKPc>

- Additional Reference for Kotlin.

<https://kotlinlang.org/docs/home.html>