

# 5COSC023W - Tutorial 1 Exercises

As part of this tutorial for this week, you need to follow the same steps that your tutor will demonstrate to you.

- **Make sure that you start Android Studio from the local installation and NOT from AppsAnywhere!**
- **Make sure that you create all your Android Studio projects in the C: drive and NOT the H: drive. As soon as you finish you should export your project via the File menu to a zip file which you can save to your H: drive. Then you can copy the zip file back to the C: drive if you need to work again on the same project**

## Familiarisation with Android Studio

The following topics will be covered by your tutor.

1. Android Studio
2. How to create and build a project. Make sure that you choose the “Empty Views Activity” template when you use the project and Kotlin.
3. How to run the project in the emulator (creating emulators with different system images supporting different Android versions).
4. Change the message of the ”Hello Android” program to something else.
5. Basics of the Android Studio interface.
6. Hierarchy of the different directories/what goes where (resource-wise, layouts go to res/layout, etc).
7. The layout editor basics. Drag and drop widgets and how some basic attributes can be changed from the menu. You will learn about how to make them functional (buttons, etc) in the lectures.
8. XML produced by the layout editor and how it is related.
9. Basics of XML.
10. Description and how to use the ConstraintsLayout in the layout editor.
11. Other basic functionality of Android Studio.