Exercises Module 2

# Exercise 1 To Do List

The purpose of the exercise is to create a simple ToDo list. The app must contain as a minimum a EditText field, which is used by the user to write a note for him/herself. There must be a button which can add the note to a list of notes. It is up to the student to decide if the list is below the textfield or on a separate Activity like in the MyFirstApp example. If the student goes for the latter approach, then he/she have to consider how to swap between the two activities. An extra feature that the student might implement if he/she have the time is the possibility to interact with the list so the text changes colour to green when the item is done or there is a checkbox which can be switched on to indicate the same.

## Hints

* Have a look at Adapters, there should be a class which can be used to represent a list
* Implement the needed listeners as Anonymous Inner Classes

# Exercise 2 To Do List with Fragments

The app developed in exercise 1 is now a success and must be modified to run on tablets and phablets. The app must now be refactored, so Fragments are used.

## Hints

* Each Fragment should encapsulate the functionality it supports
* You will need 2 Fragments
* Is there an already implemented Fragment which supports some of the functionality automatically?
* Perhaps you will need something to Listen for changes in the list?