

DVA232

Assignment 1 – Currency Converter

The goal with this assignment is to get familiar with the development environment that we want to use and also practice the basics of interface design in the platform of your choice. You are free to choose the development platform.

Part 1

At first, try to get familiar with the IDE and the tools that you will be using. Following some tutorials on starting up application development is a very good starting point. Also find and follow tutorials on simple UI design for your platform. Both iOS and Android have very good tutorials for these subjects on their developer webpages. The aim is to be able to understand the following before moving to the next step:

- How the IDE works
- How debugging in the IDE works
- How UI design in the IDE works
- How can data be shared between two different pages in the same application

Part 2

Now that you have got familiar with the basics we can do assignment 1. The idea is simple, develop a simple currency conversion app. The minimum requirements are:

- Support for these currencies: EUR, SEK, USD, GBP, CNY, JPY, KRW.
- For this assignment use predefined constant exchange rates. Later in assignment 2 we will use real data.
- The application should have at least 2 separate pages:
 - In the main page the user can type an amount and choose the currencies. The result should be shown to the user instantaneously.
 - The user should also be able to navigate to the second page where they find a list of all the conversion rates.
- The aim of this assignment is user interaction and interface design. Think everything through before you code.
- Any extra features that you think would be beneficial to the user and can help them to use the app easier are welcome.