## Tutorial problems – Wed 11 Dec and Fri 13 Dec 2019

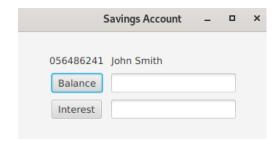
10min Ask whether there are any questions. Collect these by writing them on the board and decide with the whole group which of these to address in the 10 minutes available for question answering. The answering of the question may also be put to the end of the tutorial.

**40min** Students to work in small groups (of 2 or 3) to develop a GUI for the SavingsAccount class. They should write a **Pane** with two buttons to display the current balance and the interest earned (obviously a full implementation would have further functionality).

First they should make a handwritten layout.

Then write a JavaFX program that produces something like:





Use a **GridPane** for the display.

For implementing the program above they should use two ways:

- (a) the first without an fxml file,
- (b) the second using a Controller and an fxml file.

Students may use their laptops and make use of the fragments provided.