

Object-Oriented Analysis & Java

Practical 7: Java classes

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Exercise:

The goal of this exercise is to create an address book. No persistence is required for your data (you don't need to save the data when exiting the program). Your program should allow to see the list of contacts in your address book, add a new contact, display all the information of a specific contact and delete a contact.

1. Create a **model class** to represent a contact. The model must have the following attributes: First name, last name, phone number, email, street, city and postal code.
2. Create a layout for your main window with using a **table view** with two columns, "Last name" and "First name", to display the list of contacts. You will also need a "New" button to add a new contact.
3. Create the code associated to the main window.
4. Create a layout for the form window to add a new contact using a **GridPane**. The components will be **TextField**, **Label** and **Button**. This window will open when clicking on the "New" button.
5. Create the code associated to the form window.
6. Create a layout for the detail window to display a specific contact. You will also use a **GridPane**, **Labels** and a "Delete" button to remove the contact. This window will open when double-clicking on a cell of the table view.
7. Create the code associated to the detail window.