

02 – Objects and Classes - Exercises

OBJECT-ORIENTED PROGRAMMING

EXERCISE 1

- ✗ Give a UML class diagram for the class Person with theName and theDateOfBirth attributes as well as the operations getName, getAge and changeName
- ✗ Show two instances of class Person in an object diagram representing yourself and someone in your family.

EXERCISE 2

- ✗ The Account class has two attributes and three operations. The enquiry operation `getBalance` interrogates an Account object for part of its state. Which attribute value is returned by this operation? How is this value used when implementing the additional operation `isOverdrawn` that indicates the state of an Account object?
- ✗ When we `debit` or `credit` an Account, which attribute value is affected? By what amount is it changed? How is this change value introduced with the `debit` and `credit` operations?