

Lab 1c – Java Practice

OBJECTIVES

- Familiarise yourself with the NetBeans environment
- Practice some java programming skills
- Develop ArrayList Example project (in NetBeans) to practice some operations performed on an ArrayList object
- Work through the tasks in the main class

Code Editing Tasks

- **Task 1:** Create and add three Person type objects to the ArrayList object. Each element will be added at the end of the list
- **Task 2:** Print the elements of the ArrayList using the following approaches
 - *toString()* method
 - A *For* loop combined with *printPerson()* method part of the Person class.

Note: *printPerson()* prints info regarding ONE person

Assess the differences in printing when using the two approaches

- **Task 3:** Add a Person object (a new person) on the second position of the ArrayList
- **Task 4:** Print the elements of the ArrayList using ITERATOR object to check if the new person was added
- **Task 5:** Remove the element(person) on first position
- **Task 6:** Print the elements of the ArrayList to check if the person was removed
- **Task 7:** Check if a person with a given name exists in the ArrayList . If so, print person's position in the list.