Assignment 11

Note:

- You are **NOT** allowed to use the **Arrays.equals** in this assignment.

- You **are** allowed to use the code posted on blackboard as the basis of your answer.

- You **are** allowed to use Eclipse to generate the **equals** method, but be aware that for **MyLinkedList** it will **not** generate correct code, and for **MyArrayList** it will generate code containing a call to **Arrays.equals**.

Question 1

Implement the following methods for class **MyArrayList**:

- **public void delete(int i)** – delete the **i-th** entry of the list.
- **public void contains(E element)** – returns true if the given element is in the list.
- **public boolean equals(Object obj)** – compare the specified object with this list for equality.

Write a **main** class and method which thoroughly **tests** your methods.

Question 2

Implement the following methods for class **MyLinkedList**:

- **public void delete(int i)** – delete the **i-th** entry of the list.
- **public String toString()** – return a string representation of the list.
- **public void contains(E element)** – returns true if the given element is in the list.
- **public boolean equals(Object obj)** – compare the specified object with this list for equality.

Write a **main** class and method which thoroughly **tests** your methods.