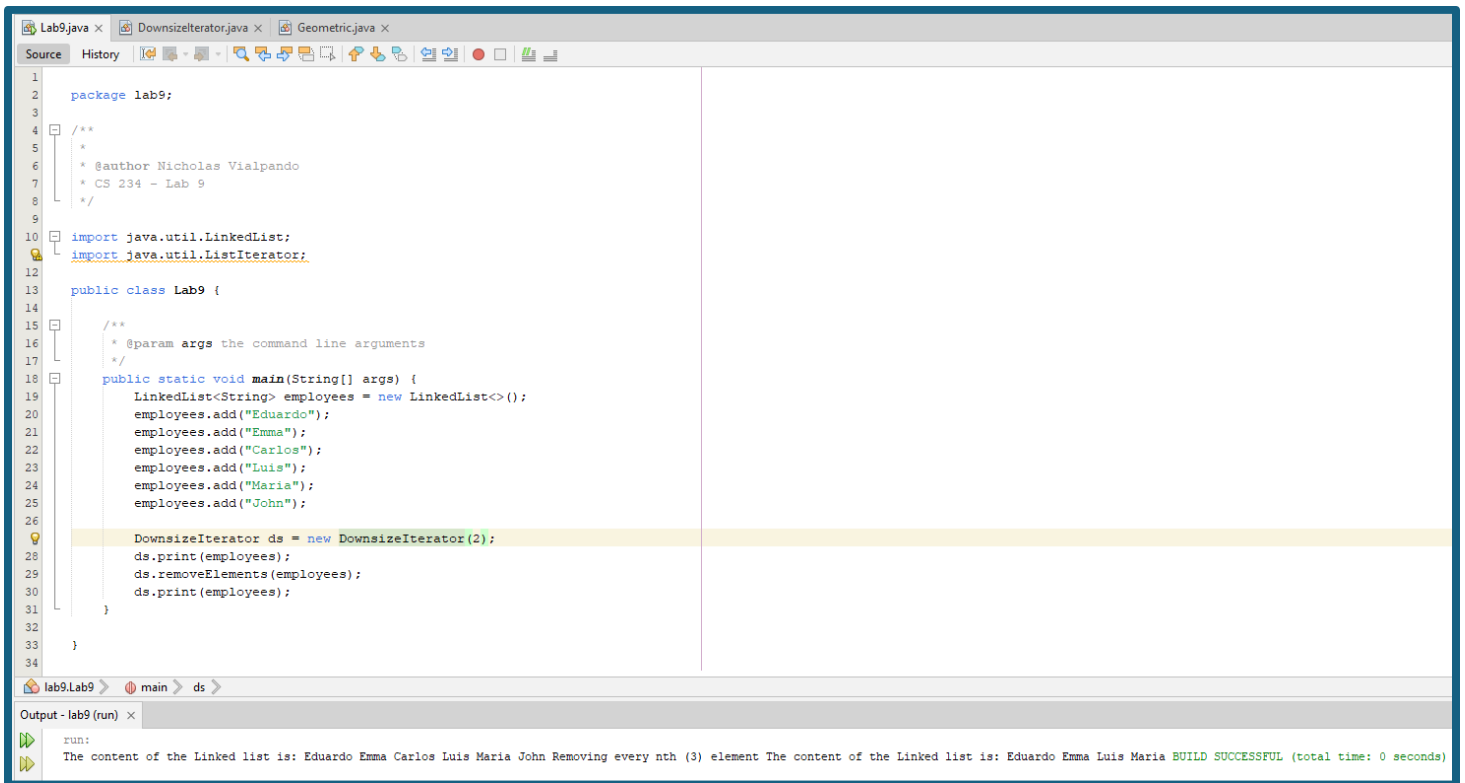Nicholas Vialpando

CS 234 – Lab 9

Removing every nth(2) element:
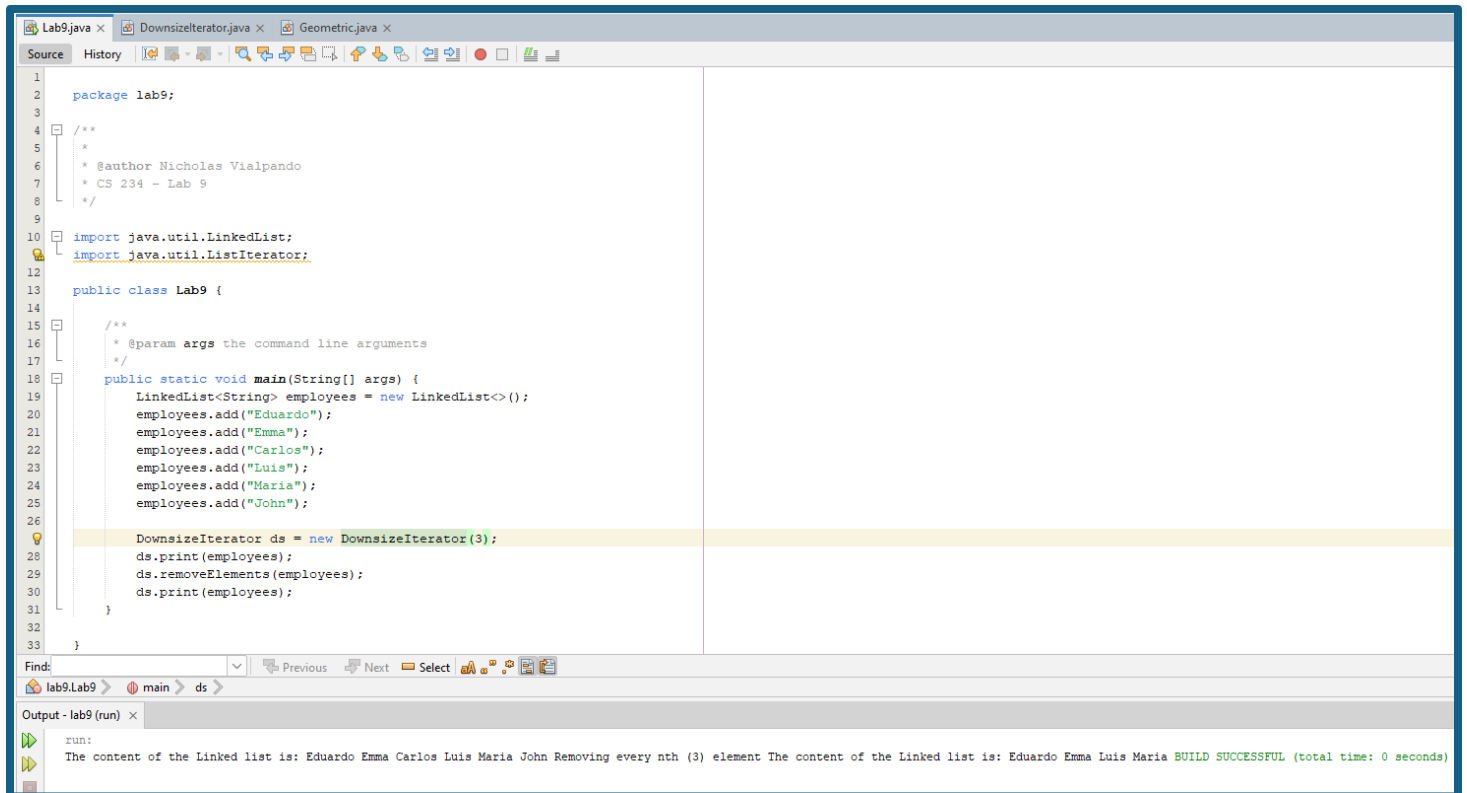
```java
package lab9;

/**
 *
 * @author Nicholas Vialpando
 * CS 234 - Lab 9
 */
import java.util.LinkedList;
import java.util.ListIterator;

public class Lab9 {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        LinkedList<String> employees = new LinkedList<>();
        employees.add("Eduardo");
        employees.add("Emma");
        employees.add("Carlos");
        employees.add("Luis");
        employees.add("Maria");
        employees.add("John");

        DownsizeIterator ds = new DownsizeIterator(2);
        ds.print(employees);
        ds.removeElements(employees);
        ds.print(employees);
    }

}
```

Output - lab9 (run)

```
run:
The content of the Linked list is: Eduardo Emma Carlos Luis Maria John Removing every nth (3) element The content of the Linked list is: Eduardo Emma Luis Maria BUILD SUCCESSFUL (total time: 0 seconds)
```

Removing every nth(3) element:

```java
package lab9;

/**
 *
 * @author Nicholas Vialpando
 * CS 234 - Lab 9
 */

import java.util.LinkedList;
import java.util.ListIterator;

public class Lab9 {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        LinkedList<String> employees = new LinkedList<>();
        employees.add("Eduardo");
        employees.add("Emma");
        employees.add("Carlos");
        employees.add("Luis");
        employees.add("Maria");
        employees.add("John");

        DownsizeIterator ds = new DownsizeIterator(3);
        ds.print(employees);
        ds.removeElements(employees);
        ds.print(employees);
    }
}
```

Output - lab9 (run)

```
run:
The content of the Linked list is: Eduardo Emma Carlos Luis Maria John Removing every nth (3) element The content of the Linked list is: Eduardo Emma Luis Maria BUILD SUCCESSFUL (total time: 0 seconds)
```