GTU Department of Computer Engineering
CSE 222/505
Spring 2015

Homework 04
Due date: March 22ᵗʰ 2015 23:55

Write Junit tests for testing all 26 methods of Java List<Integer> interface listed at
http://docs.oracle.com/javase/7/docs/api/java/util/List.html

Each method should be tested at least 5 times with different inputs, so there will be at least 105 (+ iterator methods) unit tests. You should also test all error conditions and excepitions such as ClassCastException, NullPointerException, IllegalArgumentException, etc. Do not test UnsupportedOperationException. You should also test the methods of Iterator and ListIterator objects returned by the List methods.

Show that your unit tests pass for ArrayList<Integer> and LinkedList<Integer> classes. Use a factory method to make and return List objects. For example factory("Array") returns an ArrayList<Integer> object.

- You should cleary show the tests results in your submission.
- All test results should pass, they should be meaningful and different.
- READ HW5 before working on this homework because you will use this homework for HW5