

## Homework Assignment 3

Your assignment for Homework 3 is to convert your DLL from Homework 2 into a version that uses keys and generics.

The driver program is given in the code on the website. You must implement a `MyListStructure` class that includes the methods invoked by the driver.

### Basket

Your earlier code would have had the data payload be an item of `Basket` type. You need to declare your `MyListStructure` instance in the driver code to be of type `MyListStructure<Basket>` and then to have all the intermediate code use generics for the data payload.

As indicated on the chain of first lines, you must pass through an appropriate `compareTo` method all the way down to `Basket`, which will invoke its `compareTo`.

This will probably require you to use class declaration lines that resemble `public class MyListStructure<T extends Comparable<T>> implements IMyListStructure<T>`.

so that you pass down the ability to compare and test for equality.

### Interfaces

You are required to implement the various classes from the interfaces provided.