Programming Fundamentals III – Java Data Structures   COSC 2436
Glen Grimes
Lab #3 – A Bag Implementation That Links Data

NAME _____

Problem:
Complete Programming Exercise 5, page 126.

Requirements: You will develop the following:

a. Develop the class LinkedSet which implements the 'SetInterface' of Chapter 1. Use the LinkedBag.java file in your implementation

b. Develop a 'test' class which will exercise and test the LinkedSet class. In the test application, create a list of 10 or 12 elements. Remove several elements. Print the list before and after the removal to demonstrate the proper functioning of your methods.

Submission:

a. A copy of the source code and related project files will be placed in a directory on the I: drive as per the following directions:

♦ A directory structure has been provided for depositing completed lab work to which the students will have access.

I:\ggrimes\COSC2436-Fall2016\S70-Dropbox\ Lab3

♦ The naming conventions within the directory will be:
<Lab-number><YourLastName>, i.e.

1Smith,

so that the resultant structure will be:

I:\ggrimes\COSC2436-Fall2016\S70-Dropbox\Lab3\1Smith, or
I:\ggrimes\COSC2436-Fall2016\S70-Dropbox\ Lab3\9Smith,

as appropriate.

♦ Your directory **must** have a workspace/project folder containing all the workspace files, any header, and cpp files you've written, along with the executable file you generated.