**CS311 Binder to Create – insert code after each section divider**

**You should create a binder of CS311 programs. Even if it is not a physical binder, create a folder on your computer to serve as a binder. It will help you in future CS classes as well as during your job interviews.**

**Table of Contents**

**0. Summary (see notes-15B)**

1. Using a stack to evaluate postfix expressions

2. Using a queue to generate all strings of a language

3. Linked list class with search/replace/overloading and copy constructor

4. Binary search tree class

5. Graph traversal using a graph class

6. Priority Queue implemented using a Heap tree as an array

7. Balanced binary search tree

8. Hash table with linked entries

9. Your reflection on what parts of your code has the following “bad” features that would make modifications difficult:

* Duplication of the same code in several functions
* Complex if-then-else or switch
* Dependence on a certain data type or size

10. Your final exam