CSC 403 ICE 1

Name Brian Bauman

This is a graded activity and is intended to mirror the in-class interactive exercises.

You can simply edit this document and upload to the submission folder by the due date/time shown there. You can also write it out by hand, scan it and then upload that.

1. What are the top five concepts you remember from 402 (or equivalent)?

* Stacks
* Queues
* Sorts (bubble sort, insertion sort, etc.)
* Primitives/Reference types
* Lists (linked lists, doubly-linked lists, etc.

1. Define (in your own words) Data Structure.

A way to organize data, usually done to optimize performance for a particular application.

1. We manually did the example shown on page 370, for an unordered symbol table. Repeat the exercise using the input: E A S Y Q U E S T I O N

E 1 —> 7

A 2

S 3 —> 8

Y 4

Q 5

U 6

T 9

I 10

O 11

N 12

1. I call on students and ask them questions. Choose any two non-consecutive questions and transcribe them here.

“Associative array… what does that mean to you?” @ 54:52

“Beyond that, what are we gonna do?” @ 2:12:58

Questions and/or comments about the first class are welcome.

Can you please repeat questions from the on-campus students? You are easy to hear and understand, but they often times aren’t.

For the question transcription in (4) — do you want ones where you call on a specific student? Or any question to the class as a whole?