Data Structures 10/5/2016

0145-343-001

Note Taker: Jai Punjwani

ANNOUNCEMENTS

10/10 – NO CLASS (Columbus Day)

10/12 – NO CLASS

10/14 - Assignment 3 due

NOTES:

PowerPoint: <http://home.adelphi.edu/~siegfried/cs343/343l4.pdf>

Event driven Programming:

* Bank Driven Simulation: We keep track of arrival and departure nodes to keep track of bank queue
* Notice in our bank program, we make use of extensive object oriented programming by having an eventlist class, as well as a bank class that handles events

Lists

* Issue: circular list. How do we traverse it without repeating any elements? Note that the last element in a circular list has a node which points back to the first element, to keep the list circular.
* One solution: instead of for-loop:

p = list;

do {

p = p-> next;

} while ( p != list)