**Data Structures Notes**

**Data Organization in real life:** Standing in a line (que), Stack of books, To-Do List, Dictionary, Folders (Directories on your computers), Road map.

**Computer Data Organization:** Abstract Data Type (ADT). Data Structure, Collection.

Examples of Containers: Bag, List, Stack, Queue, Dictionary, Tree, Graph.

UML = Unified Modeling Language

Mkdir name: makes a new directory

Ls: Lists the objects in the directory your in. -al: Shows more data about the files

Cd: Change directory

Pwd = print working directory path

rm \*~

Emacs -nw name.java

Ctrl (x + s) = save

Ctrl (x + c) = exit

Less name = See whats in a file

Q = quit

Clear = clear your screen

Javac name.java = compile

Java name = run file

> = output to file

>> = output to existing file