CSC340 notes – week 1

* All projects start with “class” then “main”. – JAVA
* Master ‘quicksort’ for job interviews
* Memorize general ordering - O(1) < O(log n) < O(n) < O(n log n) < O(n2 ) < O(n3 )< O(cn )<O(n!)
* Log n is better than n!
* O(1) “Big O of 1” constant: takes same amount of time regardless of input
* Dominant term for the big O on quiz on slides page 54
* Big O is worst case scenario used for upper bound
* N to any power is dominated by any exponential (page 54 last line slides)
* #6 on homework done by professor