Northeastern Illinois University
CS 200: Programming I
Professor Yehuda Gutstein

Study Guide: Nested Loops and 2D Arrays, Chp. 5, 5.6 - 5.8, 5.11, Chp. 8, 8.1 - 8.7

Concept/Topic:	Text Notes:	Lecture Notes:
Describe nested loops.		
Describe how to determine the total number of iterations for nested loops.		
Describe the different types of nested loops.		
Give a simple example of a nested loop.		

Describe 2D arrays.		
Describe how to declare 2D arrays.		
Describe how to create 2D arrays.		
Describe how to initialize 2D arrays.		
Describe the binary search algorithm.		
Describe how to access an element in a 2D		

array.		
Describe how to determine the row and column lengths in 2D arrays.		
Describe what control structure is often needed to process 2D arrays.		
Describe how to pass 2D arrays to methods.		