Northeastern Illinois University
CS 200: Programming I
Professor Yehuda Gutstein

Study Guide: Loops, Chp. 5, 5.1 - 5.5

Concept/Topic:	Text Notes:	Lecture Notes:
Describe what loops are used for in Java.		
Describe the while loop syntax.		
Describe counter-controlled while loops.		
Describe an interation of a while loop.		
Discuss what happens if there is no increment of the counter in while loop.		

Describe when to use < vs ≤ in a counter-controlled while loop.		
List several important while loop rules.		
Describe two while loop pitfalls.		
Discuss how to use other control structures inside a while loop.		
Describe sentinel-controlled loops.		

Describe do-while loops.		
Give the syntax for a do-while loop.		
Describe the difference between do-while loops and while loops.		
Describe for-loops.		
Describe when the update action occurs for a for-loop.		
Give the syntax for a for-loop.		