

## CS241 Lab 7 Assignment (from text, Project 7.19)

7.19 Base your answers on how the methods are implemented in the text.

	<i>ArrayList</i>			<i>LinkedList</i>		
	Best	Avg	Worst	Best	Avg	Worst
add() (includes stretching)			$\Theta(n)$			
contains()	$\Theta(1)$	$\Theta(n)$	$\Theta(n)$			
get()			$\Theta(1)$			
isEmpty()						
iterator()						
remove(int index)						
size()				$\Theta(n)$	$\Theta(n)$	$\Theta(n)$