Implementing ArrayList

1. Announcements
   a. Don't come to class
      i. No classes Friday (Winter Carnival)
      ii. No office hours Thursday
      iii. No lecture Monday
   b. Do the reading
      i. (Why it appears out of synchrony)
2. Last Time
   a. Map
   b. Generics
   c. Generic Linked List
   d. Dynamic Array
3. What's it going to cost?
   a. Counting seconds
   b. **Asymptotic behavior**
4. Your first clever data structure
   a. Rewriting setSize
   b. **Amortized analysis**

Asymptotic Time[1] of Operations for Collections of n Elements

	Trivial ArrayList	Good ArrayList	LinkedList
Insert beginning			
Insert end			
Get length			
Get ith element			

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[1] Expected, amortized time