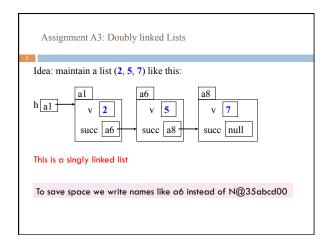
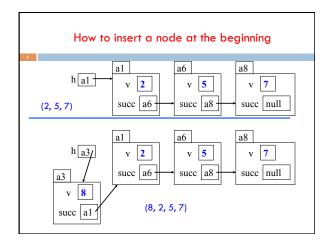
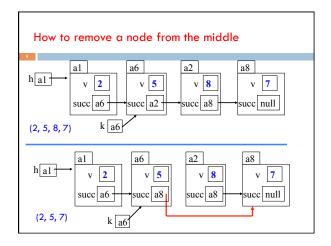


## Announcements A3 will available on CMS and Piazza tomorrow. Refer often to the Piazza FAQ Note for A3 Please read the assignment FAQ Notes on the Piazza before asking a question. It might already be answered.







```
Assignment A3: Generics
public class LinkedList {
                                  Values of linked list are
  void add(Object elem) {...}
                                  probably of class Object
  Object get(int index) \{...\}
public class LinkedList<E> {
                                  You can specify what
   void add(E elem) {...}
                                  type of values
  E get(int index) {...}
ns = new LinkedList<Integer>();
                                  ss = new LinkedList<String>();
ns.add("Hello"); // error
                                  ss.add("Hello");
ns.add(5);
                                  ss.add(5); // error
String s = ns.get(0); // error
                                  String s = ss.get(0);
                                  int n = ss.get(0); // error
int n = ns.get(0);
```

```
Overview ref in text and JavaSummary.pptx

Quick look at arrays slide 50-55
Casting among classes C.33-C.36 (not good) slide 34-41
Consequences of the class type slide 34-41
Operator instanceof slide 40
Function equals slide 37-41

Homework. Learn about while/ for loops in Java. Look in text.

while ( <bool expr> ) { ... } // syntax

for (int k= 0; k < 200; k= k+1) { ... } // example
```

