Announcements

• Project #6 has been posted
  • Code distribution includes the prototype for an “incorrect” equals method in the Entrée class. Leave it!

• Exam #2 is on Monday.

• We’ll do some review on Friday.
Javadoc Utility

What is “Javadoc”?

Syntax for Javadoc comments:
/** … */

Common tags:
• At the top of the class
  @author

• Above methods
  @param
  @return
  @throws

Demonstration: Invoking the Javadoc utility on a project
Overview of Abstract Data Types

• Linear
• Sets
• Trees
• Graphs
• Others?

• Where do arrays fit in?

• Sequential vs. Linked allocation

• Is a linear data type always the best choice?
Java Collection Framework

• What is the “Collection Framework”? (Much more in CMSC 132!)

• Most Collection classes are in package java.util
ArrayList

• What is it?

• Java Generics
  • Why not just allow Universal collections?
  • Syntax:
    ```java
    ArrayList<T> a = new ArrayList<>();
    ```

• ArrayList API

• YOU MAY NOT USE ARRAYLIST ON THE CURRENT PROJECT!

Example: ArrayListExample.java