













Task #3
Draw the sliced floor plan described by your tree.
Label the rooms with their identifier.
What do we do if we get an ill-formed tree?
What do we do if we get an ill-formed tree?
Vou will receive good tree data.





- How do I label my tree?
   \_left to right
  - top to bottom







### **Anticipated Questions**

- When is it due?
  - Task #1 & 2: Monday, October 24, 2005 at 6:40 p.m.
  - Task #3: Monday, October 31, 2005 at 6:40 p.m.
- Note that with task #3, you are turning in the entire project that draws <u>both</u> the tree and the floor plan.

## **Anticipated Questions**

- What do I turn in?
  - hardcopy of the program
  - signed academic integrity statement
  - electronic version
    - · java & header files only, no projects or packages
    - · email to both teaching assistant and me

## Anticipated Questions

- · How do I work with my graphics?
  - We'll stick with applets.  $\otimes$
  - It's a simple interface for C++ people who are working on their GUI and the differences with Java.

# **Anticipated Questions**

- · How do I draw circles and squares?
  - You can use any Java graphics method you want (unless you find one to draw binary trees!)
  - Common, as used in the Big Java text for ICS and DSA 1 are:
    - Rectangle (x1, y1, x2, y2)
      - import java.awt.Graphics2D
    - Ellipse2D.Double (x, y, width, height)
       import java.awt.geom.Ellipse2D
  - Use the Sun web pages.

## FAQ

• Will be added if more questions come up that would be useful to share with the class.