

# For Wednesday

- No reading
- No homework

# Program 9

- Any questions?

Questions before the quiz?

# Quiz

# Definition

- Binary tree
- Each element has an associated key
- Keys are not duplicated
- For any node, all nodes in its left subtree (if any) have keys smaller than its key and all nodes in its right subtree (if any) have keys larger than its key

# Binary Search Tree Operations

- Search
  - Time Complexity
- Insert
  - Time Complexity
- Deletion
  - Of a leaf
  - Of a node with one non-empty subtree
  - Of a node with two non-empty subtrees
  - Time Complexity
- Output Ordered List
- FindMin
- Find Max

# Software Engineering Code of Ethics and Professional Practice

# Some Terminology

- Stakeholders
- Stakes

# Considering Ethical Situations

- Who are the stakeholders?
- What are the stakes?
- What are the responsibilities of the computer professionals to the stakeholders?
- What are possible courses of action?
- What is a good choice of action to take?

# The Demo