

**CSCE 531 Spring 2008**  
**QUIZ 5**  
Assigned Friday, 08-03-31

Consider the following piece of Triangle code.

```
let var a: Integer;  
in begin  
  ...  
  let var b: Boolean;  
    var c: Integer;  
  in begin ... end;  
  ...  
  let var d: Integer;  
  in begin ... end;  
  ...  
end
```

1. Identify the blocks. **Answer:** the block starting with let var a (block 1); the block starting with let var b (block 2); the block starting with let var d (block 3)
2. Draw the static nesting tree for the blocks. **Answer:** block 1 is the parent of both block 2 and block 3
3. Which variables can be overlaid? **Answer:** variables b and c can be overlaid with variable d