

The University of Melbourne
Department of Computer Science and Software Engineering
433-254 Software Design
Semester 2, 2003
Tute 4
Week 5

1. Discuss parameter passing by value and by reference in Java with suitable examples. Compare them with parameter passing in C.
2. What is delegation? Consider an example of Student Class that delegates responsibility to a class called Person, which maintains person's details such as name, sex, and age.
3. Discuss various forms of Inheritance with example.
4. Discuss syntax of defining inheritance, final classes, "super" construct, and "protected" variables with example. If possible, also discuss how Java handles shadow variable and overridden methods.
5. Discuss differences between Arrays and Vectors in Java with suitable example.