The University of Melbourne
Department of Computer Science and Software Engineering
433-254 Software Design
Second Semester, 2003
Tutorial 11
Week 12

1. Write a Socket-based Java server program that responds to client messages as follows. When it receives a message from a client, it simply converts the message into all upper-case letters and sends back the same to the client. Write both client and server that demonstrates this.

2. Write a Multithread Java program that executes: $Z = SIN(X) + COS(Y)$. Create thread that supports SIN function and another supports COS function and pass them X and Y values respectively. Make both of them concurrently and then collect the result and display.

3. Write a multithreaded version of Server program explained in Question 1 above.