

## **Tutorial 6**

### **Semaphores**

- 1) What are the differences between a process and a thread?
- 2) What is a critical section in relation to processes?
- 3) What is a “busy waiting” and how is it solved?
- 4) Name and explain one method in which synchronisation can be achieved between processes.
- 5) Describe the operation of Semaphores.
- 6) Explain clearly **two** suggested solutions to the Dining Philosophers problem