



## Exercise No. 1

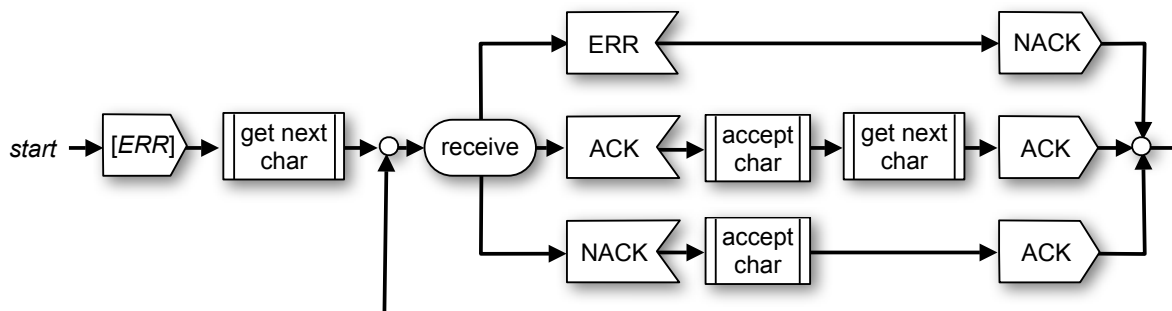
May 8, 2009

### Task 1 *Clayton Tunnel protocol*

Try to fix the Clayton Tunnel protocol so that the semaphore is not reset as long as there is a train in the tunnel.

### Task 2 *Lynch's Protocol*

Try to fix the duplication problem in Lynch's protocol. When can a character be accepted though the two preceding messages transmissions were erroneous?



Lynch's protocol with initialization by a fake error message [ERR] (should be sent only by one side) and with acceptance after each successful transmission. It still has the duplication problem.