

IS F462 Network Programming
II semester 2014-15
Lab8 Exercise

Write a concurrent TCP server using signal-driven I/O that does the following:

- it takes port no on command-line and waits for incoming connections on that port.
- it uses signal-driven I/O to handle concurrency.
- telnet application can be used a client.
- Whenever it receives a message from a client it sends it to rest of the clients connected to it.
- At every 20 seconds server sends "hello" message to all the clients connected to it. If it doesn't get reply within 10 seconds from a client, it will close the connection to that client.

Files Expected: tcpserver_signaldriven.c and makefile.

Submit fullidno_lab6.zip file latest by 2:30 PM on 20th April on Nalanda. <http://nalanda>

Please submit only on Nalanda portal. Please do not send by email. Any submission by email will be not be considered for evaluation.