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Activities Terminal Mar 27 01:36 eni
khot@khot: ~/sem_6
khot@khot:~/sem_6$ gcc tcp_client.c -o tcp_client
khot@khot:~/sem_6$ ./tcp_client
Connected to server.
Client write: hi_from_client
Client read: response_from_srvr
Client write: bye
^C
khot@khot:~/sem_6$

khot@khot:~/sem_6$ ./tcp_server
Server is listening for client connections...
Client connected.
Server read: hi_from_client
Server write: response_from_srvr
Server read: bye
Server write:
^C
khot@khot:~/sem_6$

khot@khot:~/sem_6$ netstat -ant # Lists active TCP sockets
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address Foreign Address State
tcp 0 0 127.0.0.1:631 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:33060 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:1574 127.0.0.1:33570 CLOSE_WAIT
tcp 0 0 127.0.0.1:33570 127.0.0.1:1574 FIN_WAIT2
tcp 26 0 127.0.0.1:1574 127.0.0.1:43504 CLOSE_WAIT
tcp6 0 0 :::22 :::* LISTEN
tcp6 0 0 :::1:631 :::* LISTEN
khot@khot:~/sem_6$ netstat -ant # Lists active TCP sockets
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address Foreign Address State
tcp 0 0 127.0.0.1:3306 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:1574 0.0.0.0:* LISTEN
tcp 0 0 0.0.0.0:22 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.53:53 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:631 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:33060 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:1574 127.0.0.1:43262 ESTABLISHED
tcp 0 0 127.0.0.1:43262 127.0.0.1:1574 ESTABLISHED
tcp 0 0 :::22 :::* LISTEN
tcp 0 0 :::1:631 :::* LISTEN
khot@khot:~/sem_6$
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Activities Terminal Mar 27 00:58 eni
khot@khot: ~/sem_6
khot@khot:~/sem_6$ gcc udp_client.c -o udp_client2
khot@khot:~/sem_6$ ./udp_client2
Client write: hi_from_client2
Client read: hiiiiii
Client write:

khot@khot:~/sem_6$ gcc udp_client.c -o udp_client
khot@khot:~/sem_6$ ./udp_client
Client write: hi_from_client1
Client read: hiii
Client write: hi_again
^C

khot@khot:~/sem_6$ gcc udp_server.c -o udp_server
khot@khot:~/sem_6$ ./udp_server
UDP Server listening on port 9734...

Server received: hi_from_client1
Server response: hiii

Server received: hi_from_client2
Server response: hiiiiii

Server received: hi_again
Server response:

khot@khot:~/sem_6$
```