

Assignment 2
Socket Programming
ECHO client-server model
[Max marks: 10]

Instructions:

1. Do not copy the code from any internet source or from a friend.
2. The code will be evaluated after short viva aiming the understanding of the functions used in the code.
3. The late submission is acceptable with the late penalty only.

ECHO client-server model

As the name suggests, the client sends a message to the server which is echoed back to the client by the server.

For example:

Client: Hello server!

Server: Hello server!

Requirements of the TCP echo client-server model:

1. Port number to the server must be assigned through command line argument from the terminal.
2. In an echo server, the first message must be from the client side.
 - a. Hint: Server will have `recv()` function before the `send()` function.
3. Test the designed echo server using the following methods:
 - a. Telnet localhost port number
 - b. Echo client