EXPERIMENT: 26

TO IMPLEMENT DATE AND TIME DISPLAY FROM CLIENT TO SERVER USING TCP SOCKETS IN JAVA/C

Aim: To implement date and time display from client to server using TCP Sockets.
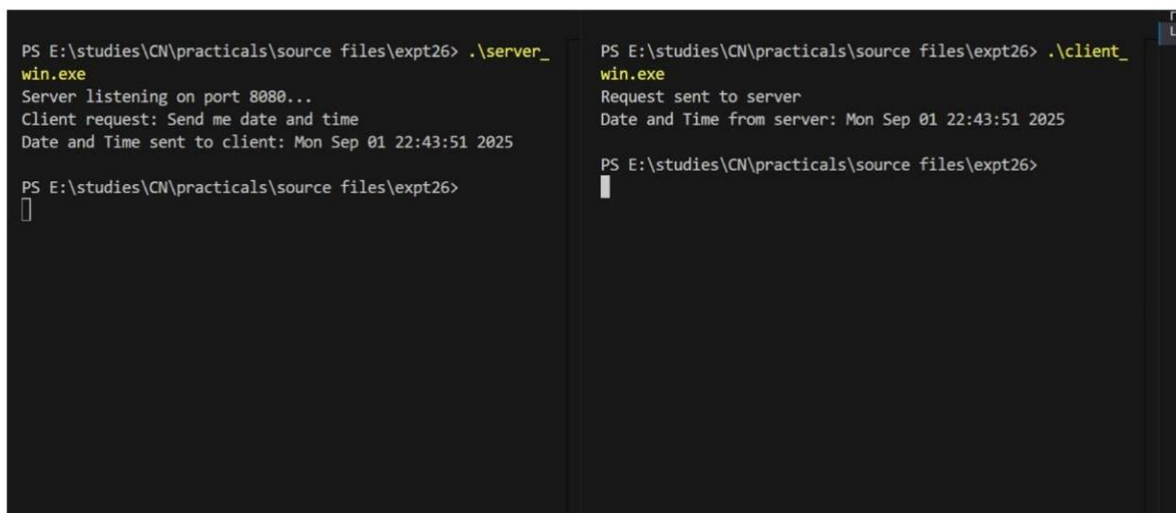
Algorithm:

Server

1. Create a server socket and bind it to port.

2. Listen for new connection and when a connection arrives, accept it.

3. Send server"s date and time to the client.

4. Read client"s IP address sent by the client.

5. Display the client details.

6. Repeat steps 2-5 until the server is terminated.

7. Close all streams.

8. Close the server socket.

9. Stop.

Client

1. Create a client socket and connect it to the server"s port number.

2. Retrieve its own IP address using built-in function.

3. Send its address to the server.

4. Display the date & time sent by the server.

5. Close the input and output streams.

6. Close the client socket.

7. Stop.

Result: Thus date and time is displayed from client to server using TCP Sockets successfully.