**Configuring and Running the Applications**

Before running the Client Application and the Server Application, you need to configure them by setting the correct IPv4 Addresses for both applications.

**Configuring and running the Server Application**

First, you need to obtain the IPv4 Address of the computer where you will be running the Server Application.

1. Open CMD and run “ipconfig”
2. Get the IPv4

Next, we will configure the Release version of both applications.

For the Server Application go to: Server Application > Server Application > bin > Release > net6.0-windows > Server Application.dll.config

When you open Server Application.dll.config, you will need to change only one of the attributes [key=“Host”]. Set the value of “Host” to the IPv4 Address you obtained previously [value=”x.x.x.x”].

The server is now ready to be executed. In the current directory, you can find “Server Application.exe”.

**Configuring and running the Client Application**

For this step, we will use the same IPv4 Address we obtained from the server. This will tell the client where it needs to connect.

Go to: Client Application > Client Application > bin > Release > net6.0-windows > Client Application.dll.config. Here we only need to change the attribute [key=”Host”]. Set the value of “Host” to the IPv4 Address of the server [value=”x.x.x.x”].

The client is now ready to be executed. In the current directory, you can find “Client Application.exe”.

**Configuring and debugging the Applications**

If you want to configure the two applications for debugging and development, you need to go to: Server Application/Client Application > Server Application/Client Application > Config > app.config. The configuration file has the same name for both applications.