**Lab 3**

**Introduction:**

This is the kind of topology that relies upon two functions i.e. Transmit and Receive. It is a type of communication network between two communication nodes where there is one transmitter and on the other end, there is the receiver. It is a kind of communication medium which have two endpoints or end nodes. They provide high bandwidth with a dedicated communication connection between two systems.In this lab we are required to create a simple topology by modifying the code of experiment 2, in which two nodes were created and a point-to-point link was established between the two.

**Objective:**

Build and analyze simple topology using point to point link

**Advantages:**

It grows in several ways.

This is the type of link which basically relies upon two functions only transmit and receive.

Each station or nodes receives exactly from one transmitter.

Each transmitter transmits to exactly one receiver.

Both the transmit and receive operation can occur over separate wires.

It is the type of high bandwidth network.

Very fast network topology as compared to the other network types.

It is very simple and easy in connectivity.

Helps in providing low latency.

It is very easy to maintain and handle.

Their nodes can be replaced within a seconds very easily.

**ISSUES:**

Issues found on our working stations its not works properly getting error issue resolved when we change our pc's.

**CONCLUSION:**

In this lab we establishes our code for furher which is instructions in our mannul and we changes in our codes we create a new third node and connect them to our first and second this is the main operation we done with point to point topology.