

Experiment - 1

Configuration of network components

Aim: To study the following network devices in detail

• PC

• Server

• Repeater

• Hub

• Switch

• Bridge

• Router

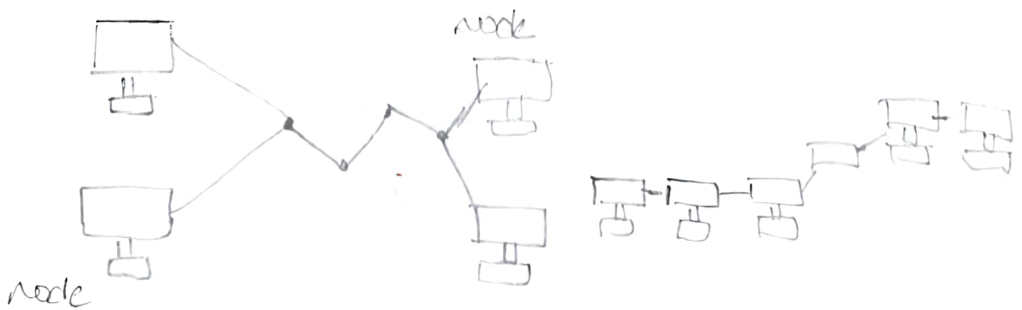
• Gateway

• Transmission medium

Apparatus: CISCO - Packet Tracer

Procedure:

1. Node - In a Communications network, a network node is a connection point that can receive, create, store or send data along distributed network route.
2. Repeater - Is an electronic device that receives a signal and retransmits it at a higher level and higher power, or onto the other side of an obstruction, so that the signal can cover long distances.



Result:

Thus the network components are studied in detail.