**JAVAIRIA REHMAN**

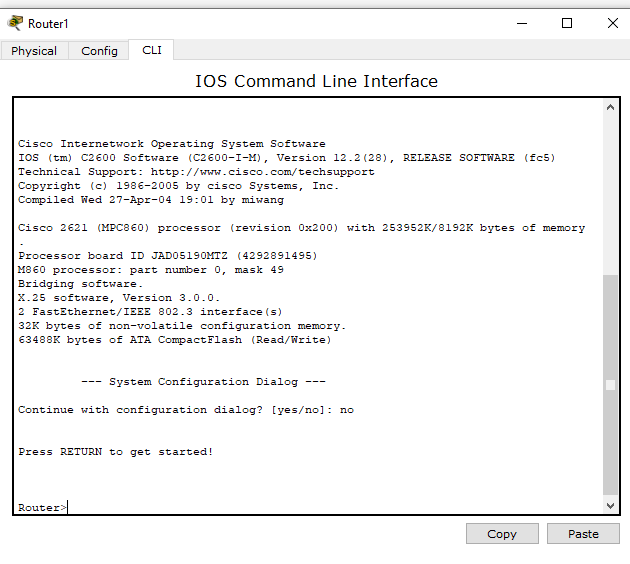
**19P-0020**

**BS(CS) 19-5A**

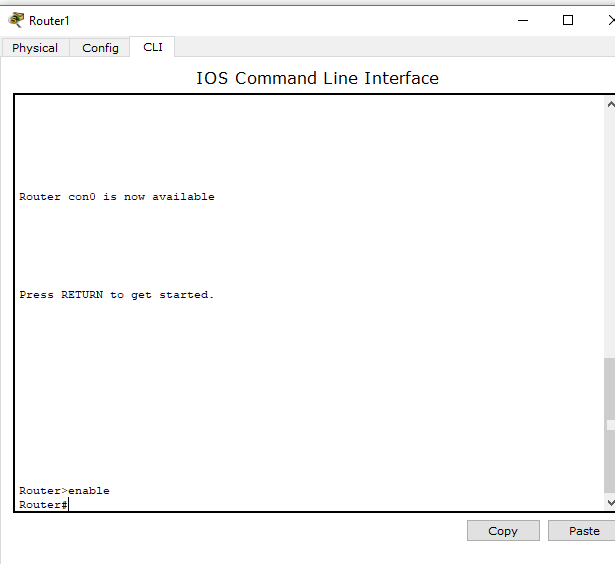
**“computer networks ”**

**Lab home work**

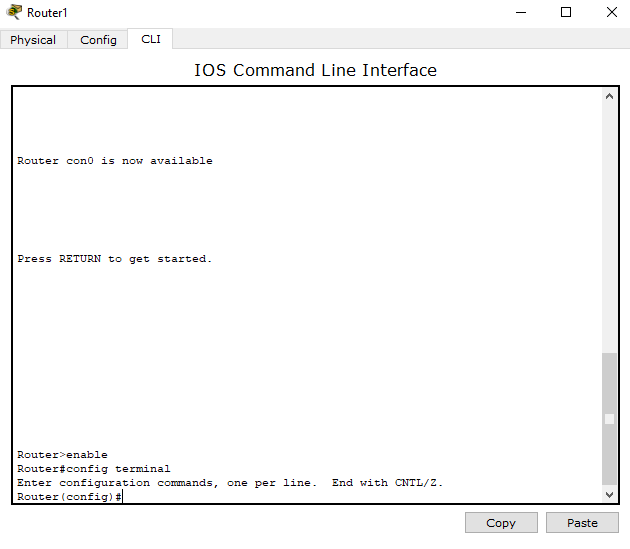
**User exec mode**

****

**Privileged EXEC Mode**

****

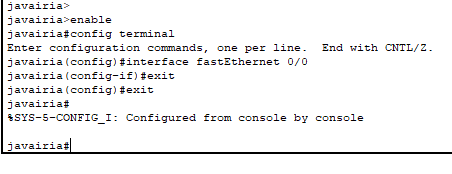
**Global Configuration Mode**

****

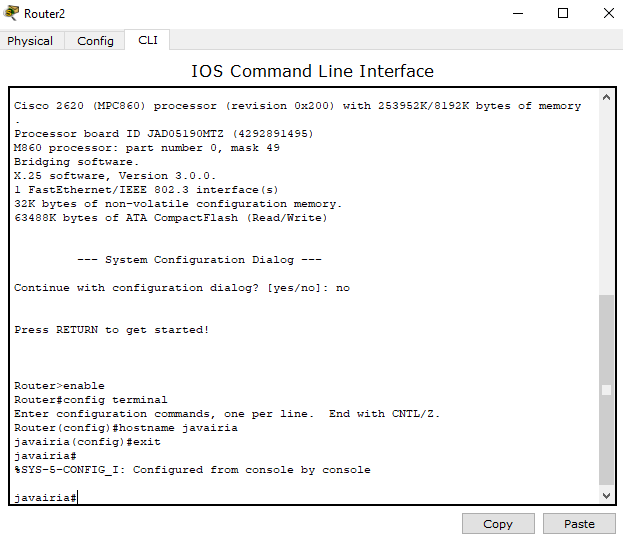
**Interface Configuration**

****

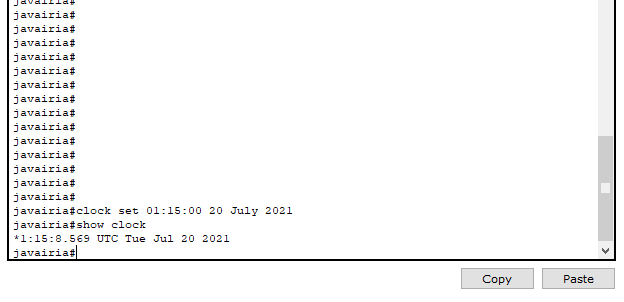
**modes**

****

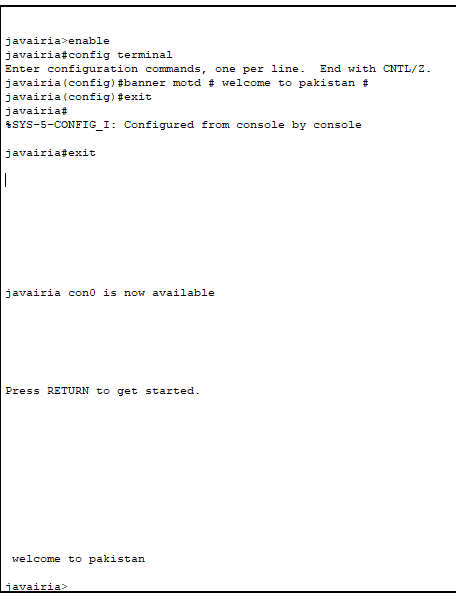
**Changing host name**

****

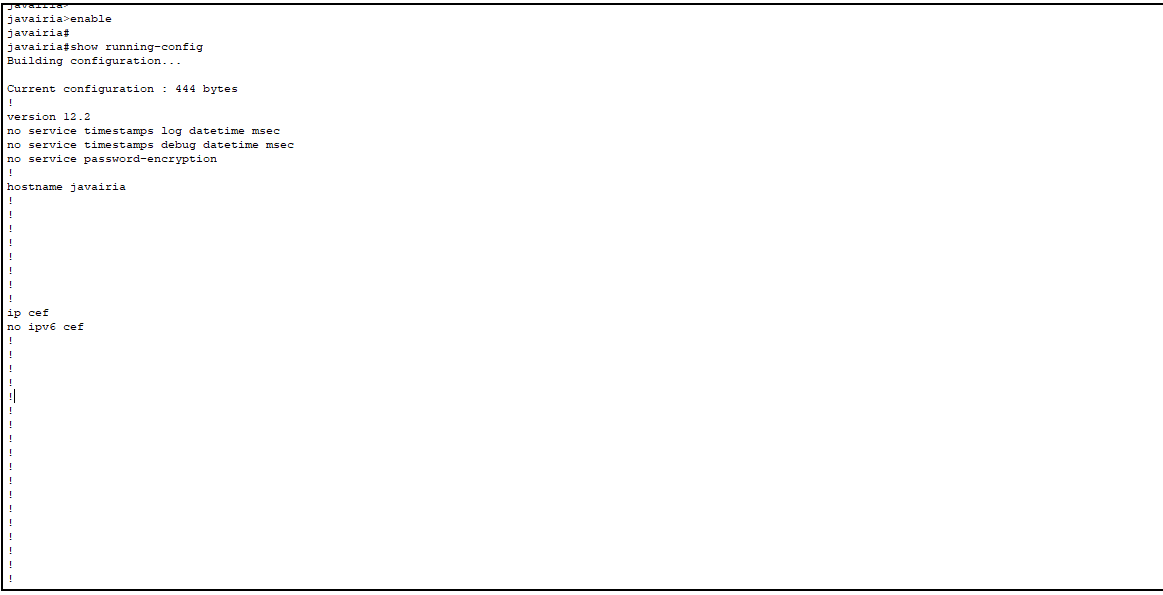
**Configuration of date and time**

****

**Setting a banner**

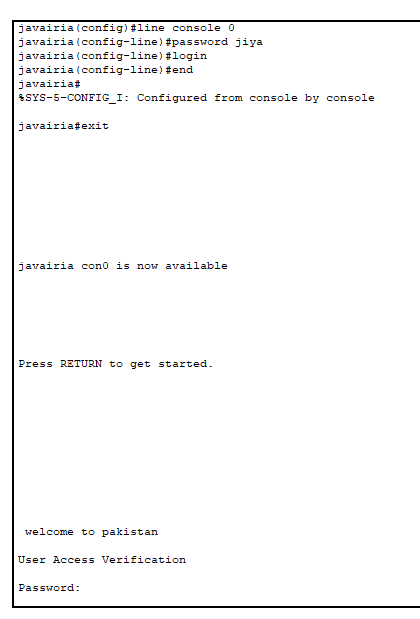
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**Displaying running configuration**

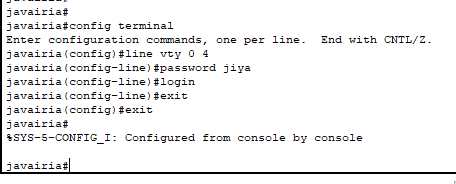
****

****

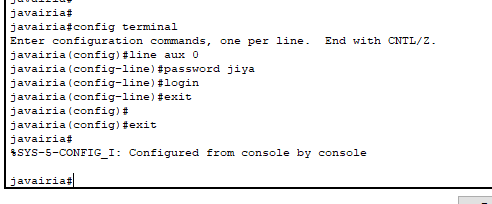
**LINE CONSOLE PASSWORD**

****

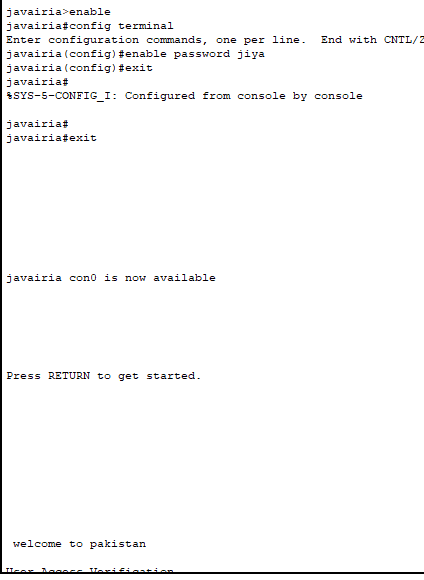
**LINE VTY / TELNET PASSWORD**

****

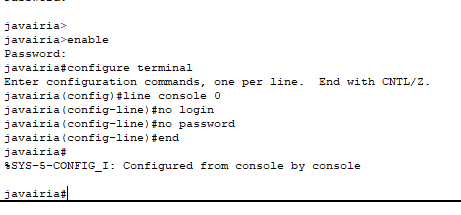
**AUXILIARY LINE PASSWORD**

****

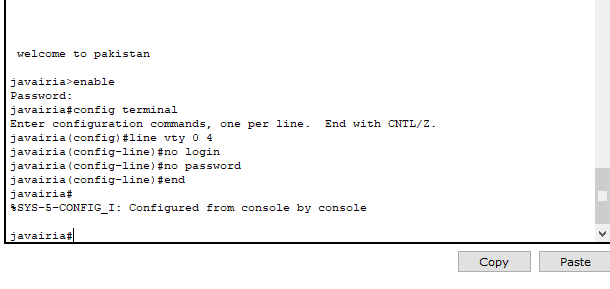
**PASSWORD FOR PRIVILEGED MODE**

****

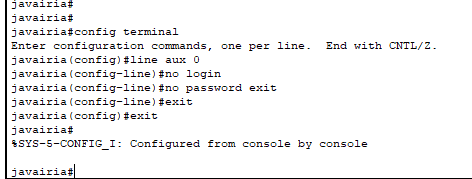
**REMOVING LINE CONSOLE PASSWORD**

****

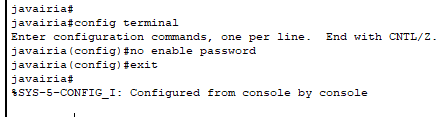
**REMOVING LINE VTY / TELNET PASSWORD**

****

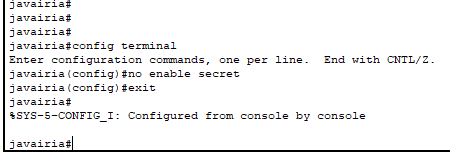
**REMOVING AUXILIARY LINE PASSWORD**

****

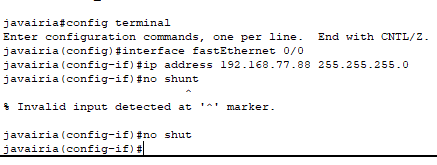
**REMOVING PASSWORD FOR PRIVILEGED EXEC MODE**

****

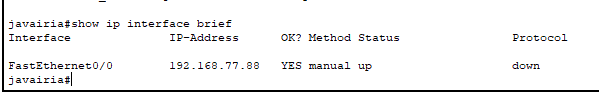
**REMOVING SECRET PASSWORD**

****

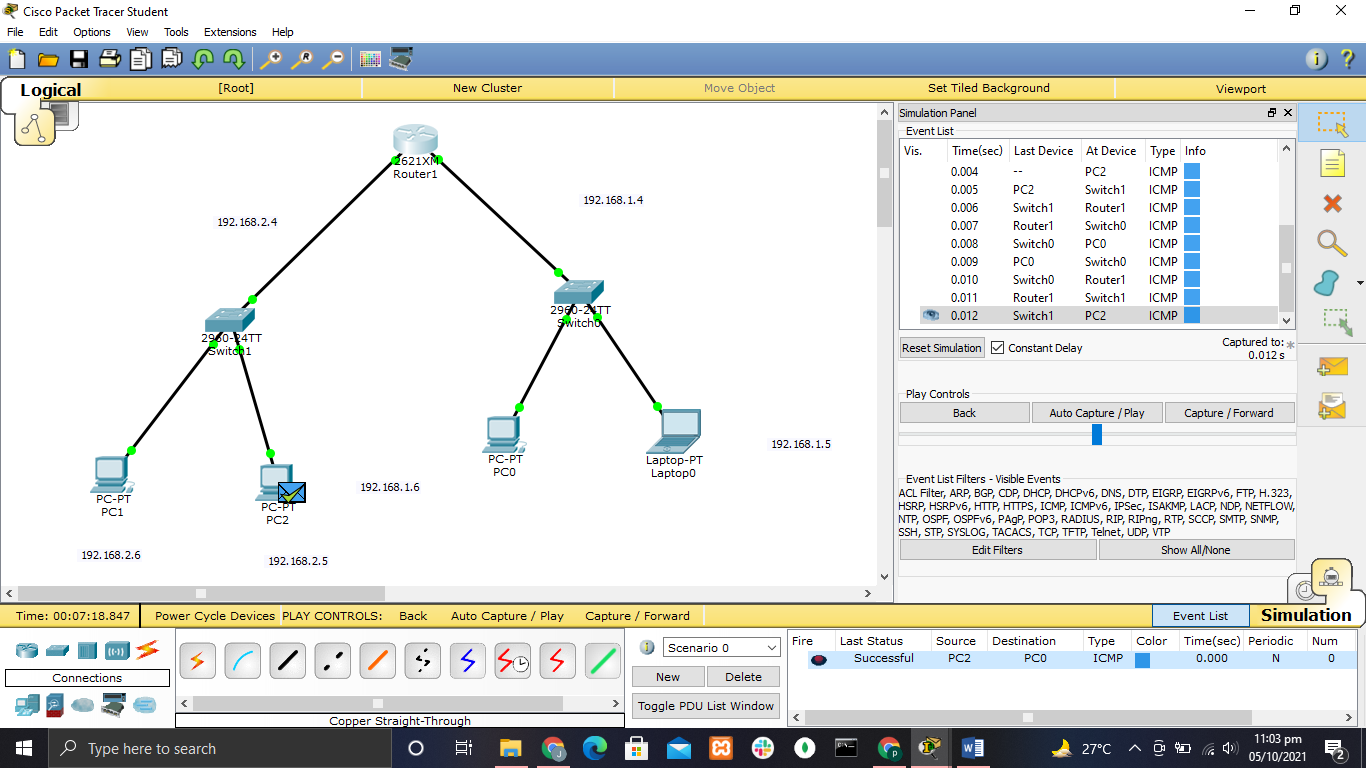
**How to enable a port or interface**

****

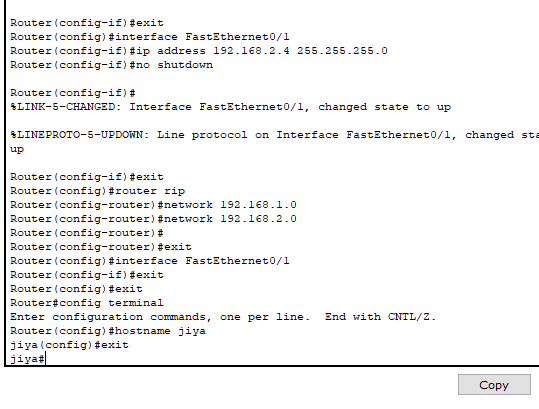
**How to check the IP address of all interfaces:**

****

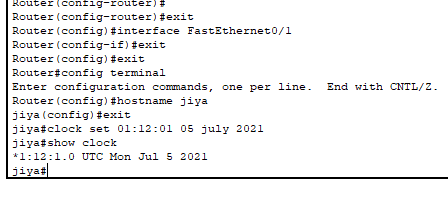
**Task sinerio**



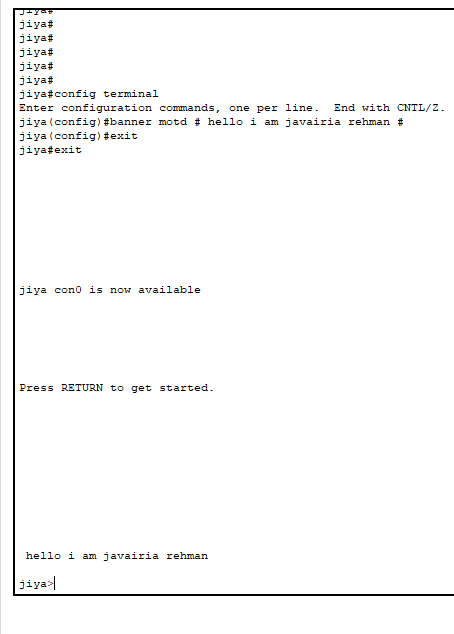
**Changing hostname to jiya**



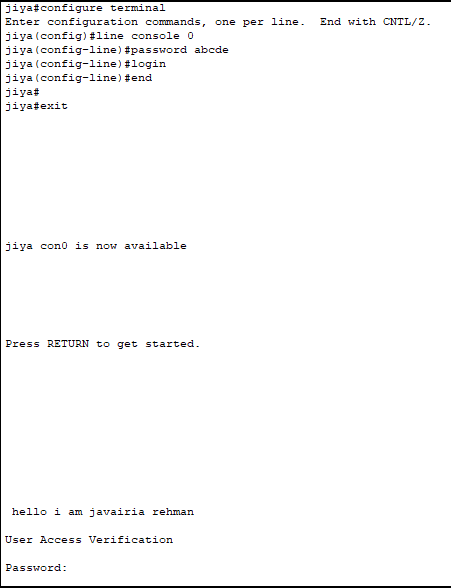
**Changing date and time**



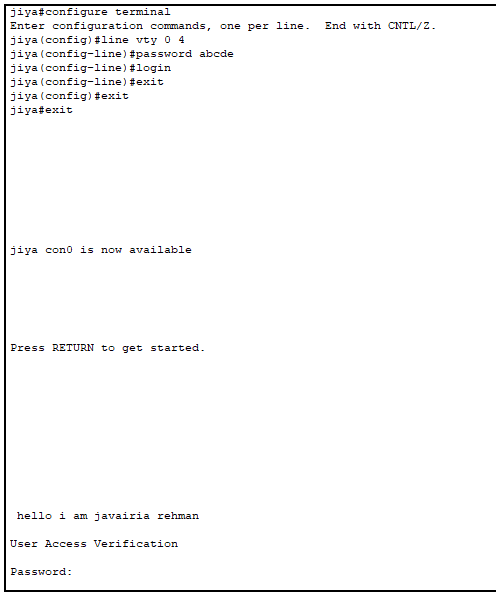
**Setting banner**



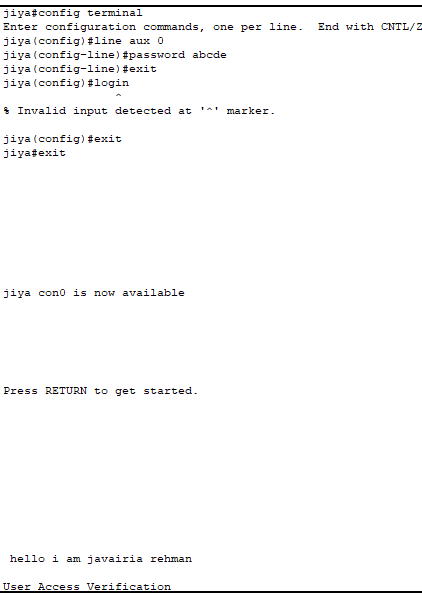
**Line console password:**



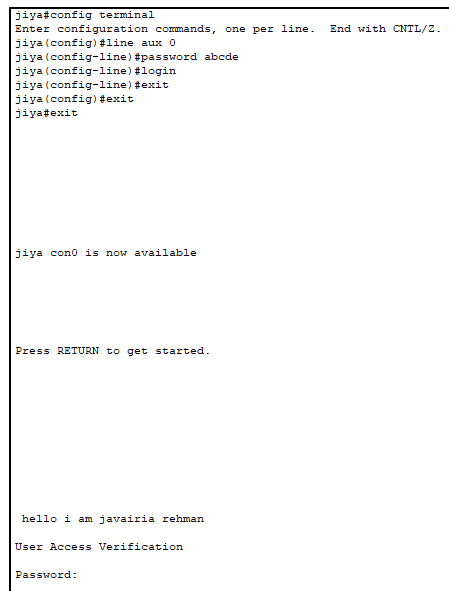
**Vty password**



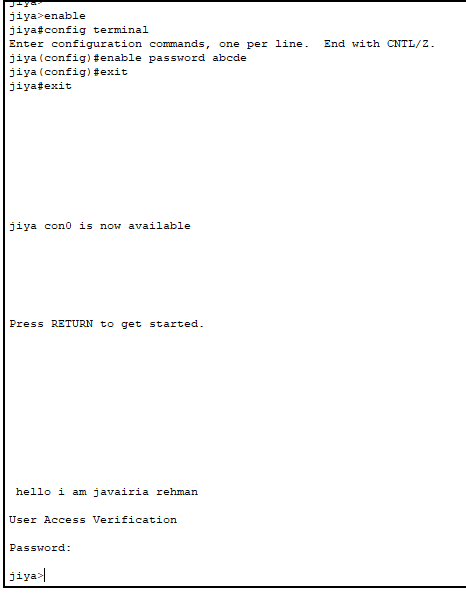
**Auxeliry password**



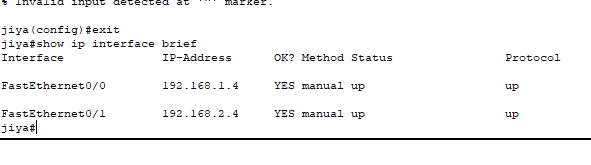
**Auxellary line password**



**Password for privillage mode**



**Ip interference**



**What is telnet**

Telnet, developed in 1969, is a protocol that provides a command line interface for communication with a remote device or server, sometimes employed for remote management but also for initial device setup like network hardware

**Uses of router with different topology**

**Star topology**

Star topology has a central connection point,which is normally a devide such as a hub,switch,router.each host on a network has a cable segment that attaches the host directly to the central connection point.

**Ring topology**

A ring topology can be fairly easily developed from a peer to peer network by adding one transmission facility and an extre port on two routers

**Mash topology**

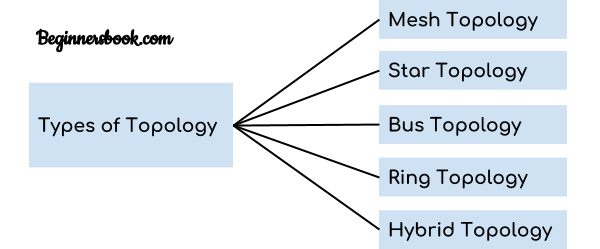
In a Mash topology there is one coordinator and a set of nodes associated to it.each node is a router and permits other nodes to associate

**Bus topology**

Bus topology is use for : small workgroup local area networks whose computers are connected using a thinnet cable…backboning by joining switches and routers to form campus wide networks

**Hybraid topology**

Hybraid network relies on a special hybraid routers ,hubs and switches to connect both wired and wireless computers and other network enabled devices

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