EXPERIMENT NO- 05

AIM: Configuration of Cisco Router 2900

OBJECTIVE: To demonstrate Configuration of Cisco Router 2900

ALGORITHM:

1. Start

- 2. Setup the Topology and initialize devices
- 3. Configure Devices and router and verify connectivity
- 4. Display Device information

5. End

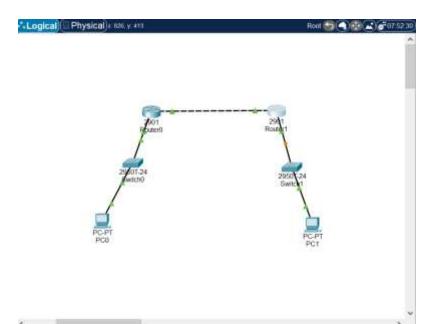
DESCRIPTION AND EXECUTION:

Resources: 2 Switch, 2 PCs, 2 Router.

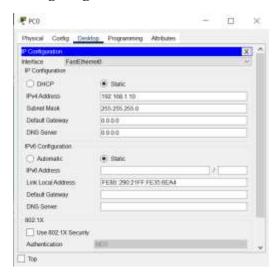
Device	Interface	IP Address	Subnet Mask	Def. Gateway
	Fa0/0	192.168.1.1	255.255.255.0	N/A
R1	S0/0/0	192.168.2.1	255.255.255.0	N/A
	Fa0/0	192.168.3.1	255.255.255.0	N/A
R2	S0/0/0	192.168.2.2	255.255.255.0	N/A
PC1	N/A	192.168.1.10	255.255.255.0	192.168.1.1
PC2	N/A	192.168.3.10	255.255.255.0	192.168.3.1

Connecting the devices using cables:

Roll No: 1601-20-733-167



Configuring PC-A and PC-B:



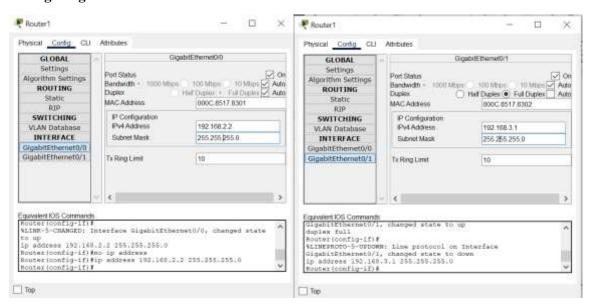


Configuring router 1:





Configuring router 2:



Checking ping from PCA to PCB:

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Packet Tracer PC Command Line 1.0
PC=ping 192.168.3.10 with 32 bytes of data:

Reply from 192.168.3.10 with 32 bytes of data:

Reply from 192.168.3.10: bytes=32 time=ims TTL=126
Reply from 192.168.3.10: bytes=32 time=ims TTL=126
Reply from 192.168.3.10: bytes=32 time=ims TTL=126
Ping statistics for 192.168.3.10:

Fackets: Sent = 4, Received = 4, Lost = 0 10% loss),
Approximate round trip times in milli-seconds:

Minimum = ims, Maximum = ims, Average = ims
PCD
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RESULTS: After the configuration and connection of all devices, the ping is successful from PC-A to PC-B