NAME   :   KSAHIF ALI

ROLL NO   :   110794

SEMESTER :   3RD

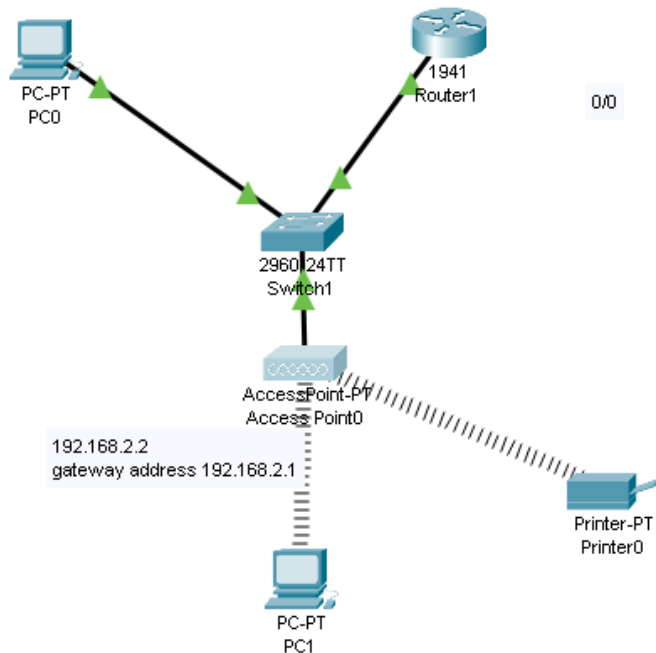DEPARTMENT :   IT

TOPIC :   WAN PRACTICAL

SUBMITTED TO : MISS SAHRISH

WAN

PRACTICLA 1

STRUCTURE:

ARRANGMENTS :

WE WILL TAKE ONE PC ONE SWITCH AND ONE ROUTER.

WE WILL ALSO TAKE AN ACCESS POINT ,PRINTER AND COMUTER.

THEN WE WILL CONNECT A SWITCH WITH PC AND ROUTER AND SWITCH IS

CONNECTED WITH ACCESS POINT AND ACCESS POINT ALSO CONNECTE WIRELESS
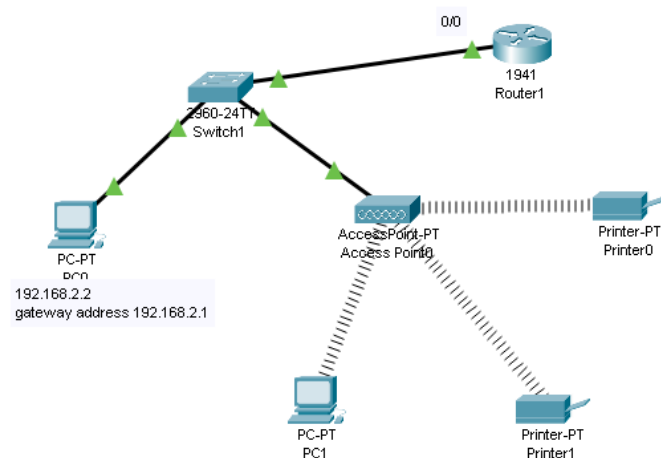
WITH COMPUTER AND PRINTER.

PRACESS

FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE WILL GIVE A GATE WAY TO THE ROUTER.

THEN WE SET THE PASSWORD IN ACCESS POINT IN PORT 1.

THEN WE WIRELESSLY CONNECTED A COMPUTER WITH ACCESS POINT AND

PRACTICAL 2 STRUCTURE:

ARRANGMENTS :

WE WILL TAKE ONE PC ONE SWITCH AND ONE ROUTER.

WE WILL ALSO TAKE AN ACCESS POINT , 2PRINTER AND COMUTER.

THEN WE WILL CONNECT A SWITCH WITH PC AND ROUTER AND SWITCH IS

CONNECTED WITH ACCESS POINT AND ACCESS POINT ALSO CONNECTE WIRELESS

WITH COMPUTER AND PRINTER.

PRACESS

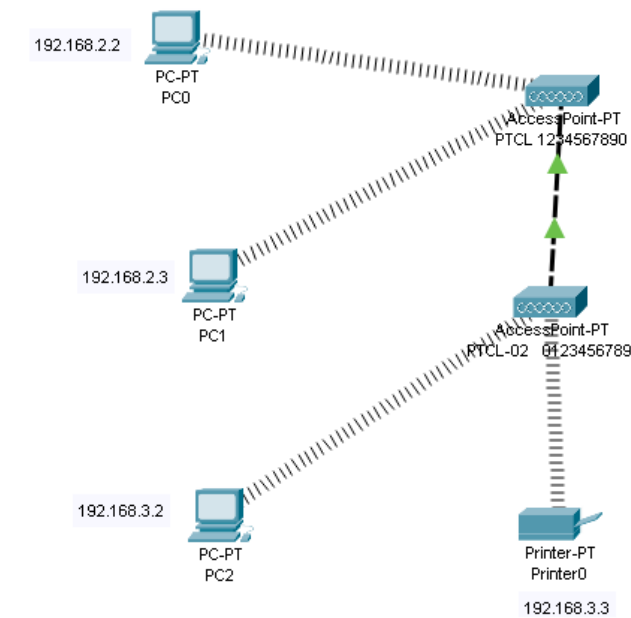FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE WILL GIVE A GATE WAY TO THE ROUTER.

THEN WE SET THE PASSWORD IN ACCESS POINT IN PORT 1.

THEN WE WIRELESSLY CONNECTED A COMPUTER WITH ACCESS POINT AND 2

PRINTERS.

PRACTICAL 3

STRUCTURE:

192.168.2.2
PC-PT
PC0

192.168.2.3
PC-PT
PC1

192.168.3.2
PC-PT
PC2

AccessPoint-PT
PTCL 1234567890

AccessPoint-PT
PTCL-02 0123456789

Printer-PT
Printer0
192.168.3.3

ARRANGMENTS :

WE WILL TAKE 4 PC .

WE WILL ALSO TAKE AN 2 ACCESS POINT , 1PRINTER .

THEN WE WILL CONNECT ACCESS POINT .

CONNECTED WITH ACCESS POINT AND ACCESS POINT ALSO CONNECTE WIRELESS

WITH COMPUTER AND PRINTER.

PRACESS

FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE SET THE PASSWORD IN ACCESS POINT IN PORT 1.

PRACTICAL 4

STRUCTURE

ARRANGMENTS :

WE WILL TAKE 2PC .

WE WILL ALSO TAKE AN ACCESS POINT .

THEN WE WILL CONNECT A PC WIRELESSLY.

CONNECTED WITH ACCESS POINT AND ACCESS POINT ALSO CONNECTE WIRELESS
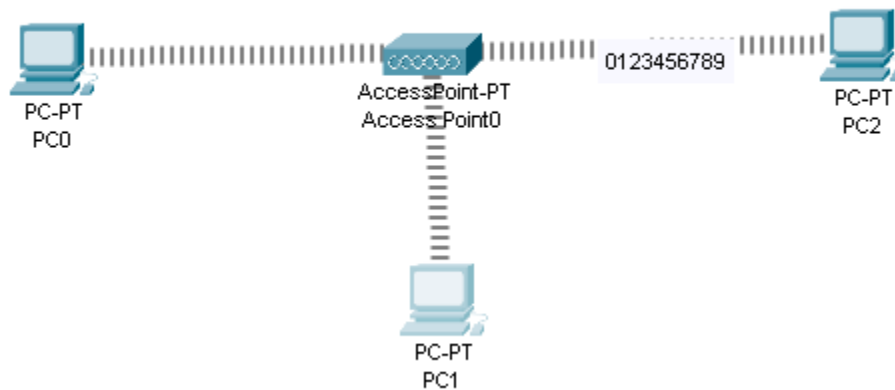
WITH COMPUTER AND PRINTER.

PRACESS

FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE SET THE PASSWORD IN ACCESS POINT IN PORT 1.

THEN WE WIRELESSLY CONNECTED A COMPUTER WITH ACCESS POINT AND 2 PRINTERS

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.3

Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time=70ms TTL=128
Reply from 192.168.0.3: bytes=32 time=20ms TTL=128
Reply from 192.168.0.3: bytes=32 time=18ms TTL=128
Reply from 192.168.0.3: bytes=32 time=26ms TTL=128

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 18ms, Maximum = 70ms, Average = 33ms
```
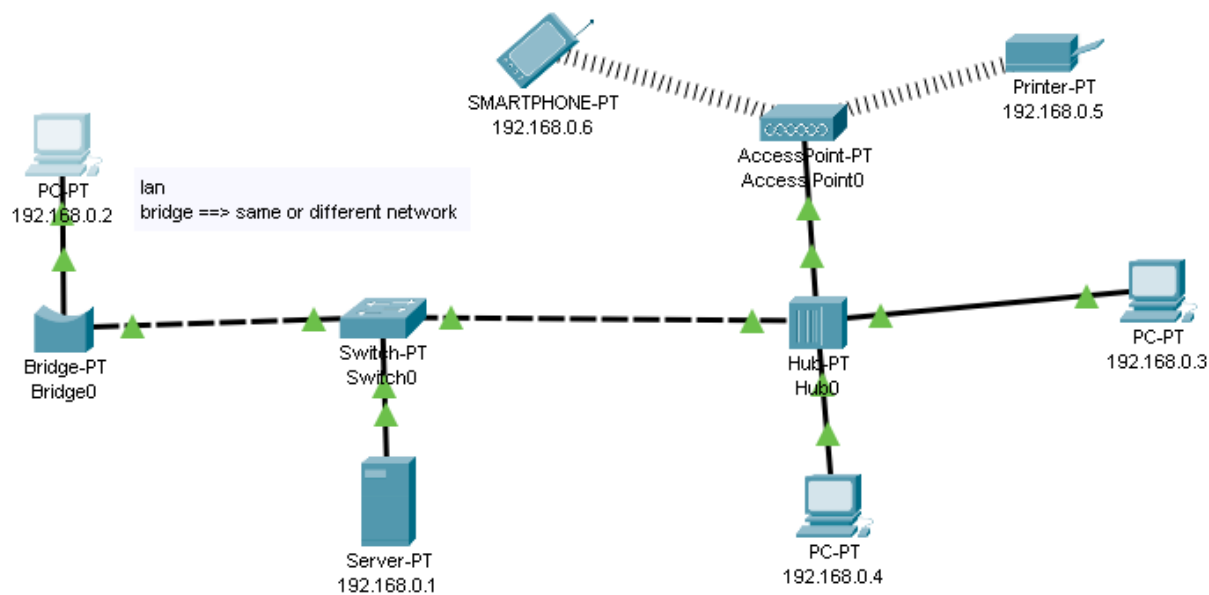
PRACTICAL 5

STRUCTURE:

ARRANGMENTS :

WE WILL TAKE 3 PC ONE SWITCH ,2 PT HUB AND SERVER.

WE WILL ALSO TAKE AN ACCESS POINT , 1PRINTER .

THEN WE WILL CONNECT A SWITCH AND OTHER DEVICES ACCORDING TO OUR NEED.

PRACESS

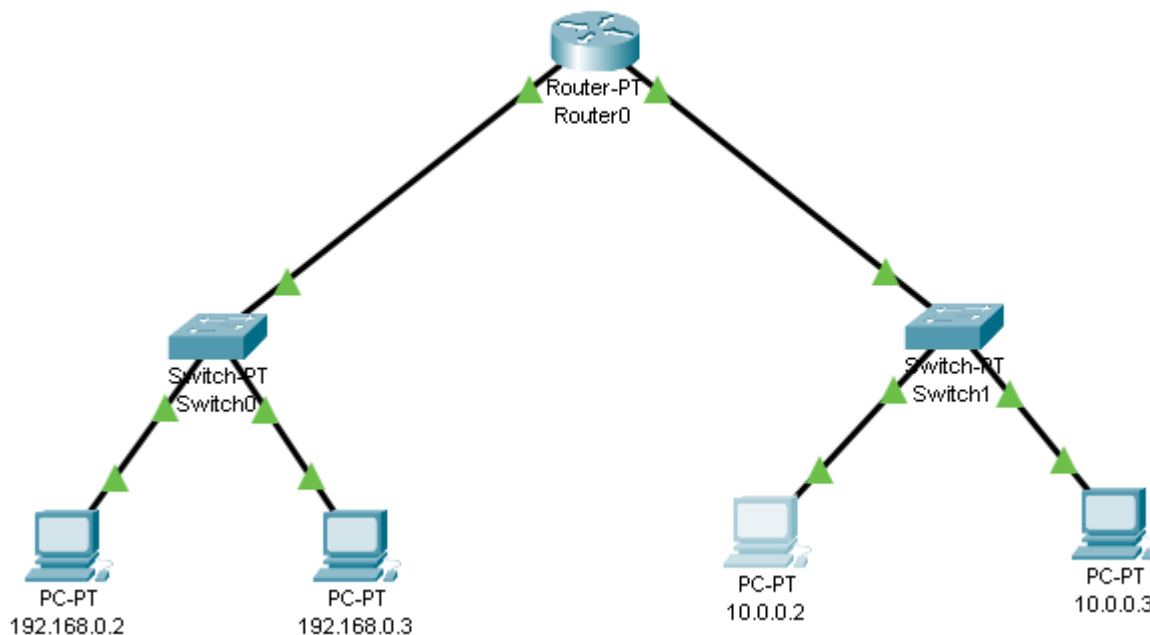FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE WILL SET DHCP SERVER WITH GATEWAY.

THEN WE SET THE PASSWORD IN ACCESS POINT IN PORT 1.

THEN WE CONNECTED COMPUTERS AND OTHER DEVICES.

PRACTICAL 6

STRUCTURE:

ARRANGMENTS :

WE WILL TAKE 4 PC 2SWITCH AND ONE ROUTER.

THEN WE WILL CONNECT A 2 SWITCH WITH PC AND ROUTER AND SWITCH IS
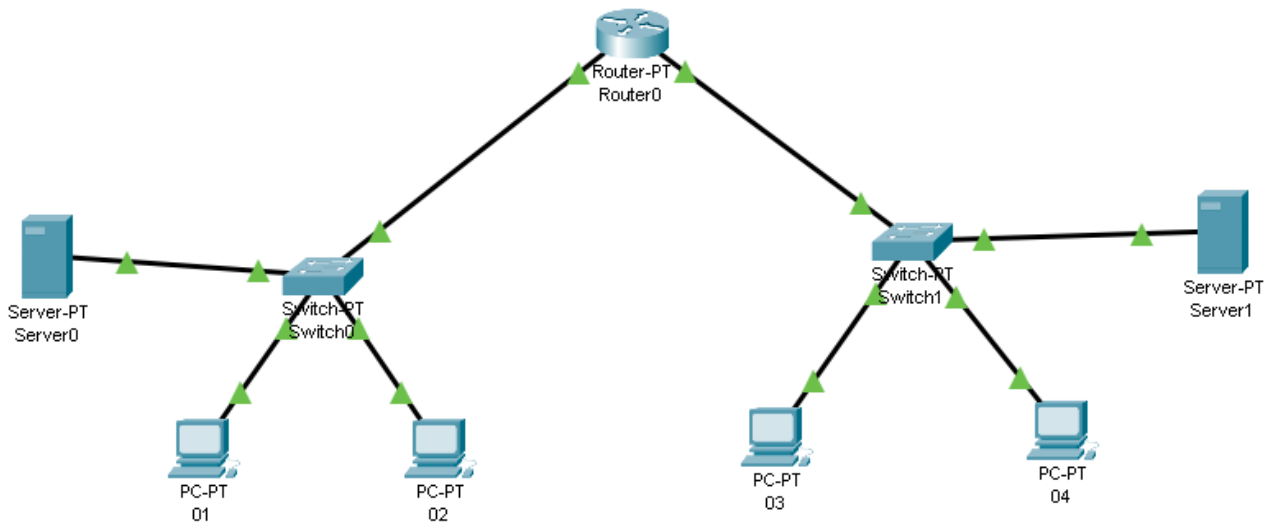
CONNECTED WITH COMPUTERS.

PRACESS

FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE WILL GIVE A GATE WAY TO THE ROUTER.

THEN WE SET THE PASSWORD IN ACCESS POINT IN PORT 1.

PRACTICAL 7

STRUCTURE:

ARRANGMENTS :

WE WILL TAKE 4 PC 2SWITCH AND ONE ROUTER AND 2 SERVER.

THEN WE WILL CONNECT A SWITCH WITH PC AND ROUTER AND SWITCH IS
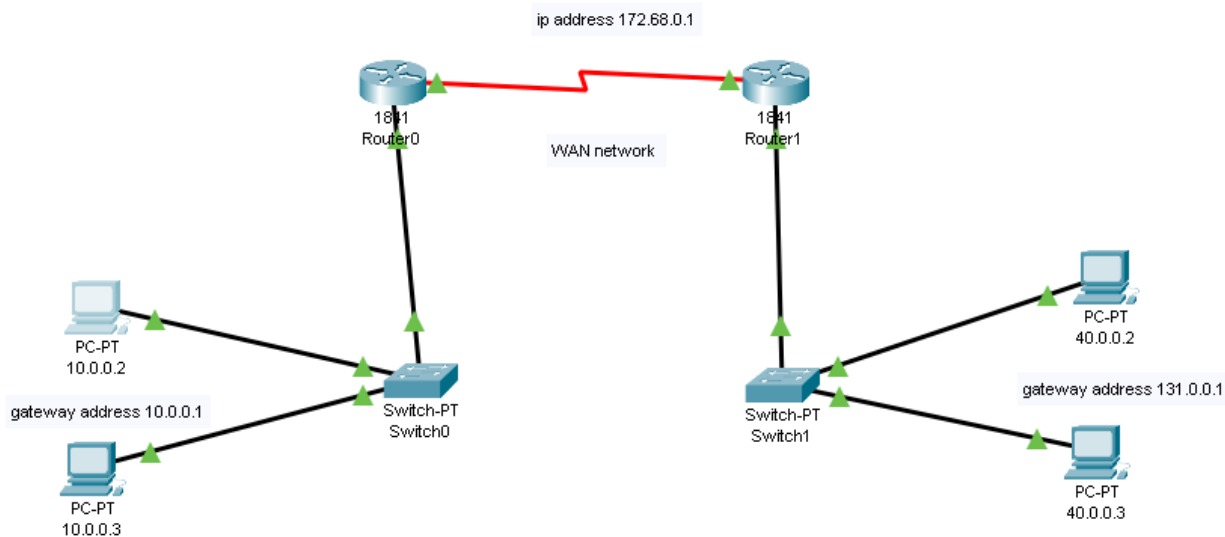
CONNECTED WITH AUTOMATIC WIRE

PRACESS

FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE WILL GIVE A GATE WAY TO THE ROUTER.

THEN WE PING THE COMPUTER THROUGH IPS .

PRACTICAL 8

STRUCTURE:

ARRANGMENTS :

WE WILL TAKE 4 PC 2SWITCH AND ONE ROUTER.

THEN WE WILL CONNECT A SWITCH WITH PC AND ROUTER AND SWITCH IS

CONNECTED WITH AUTOMATIC WIRE.CONNECT 2 LANS NETWORK.
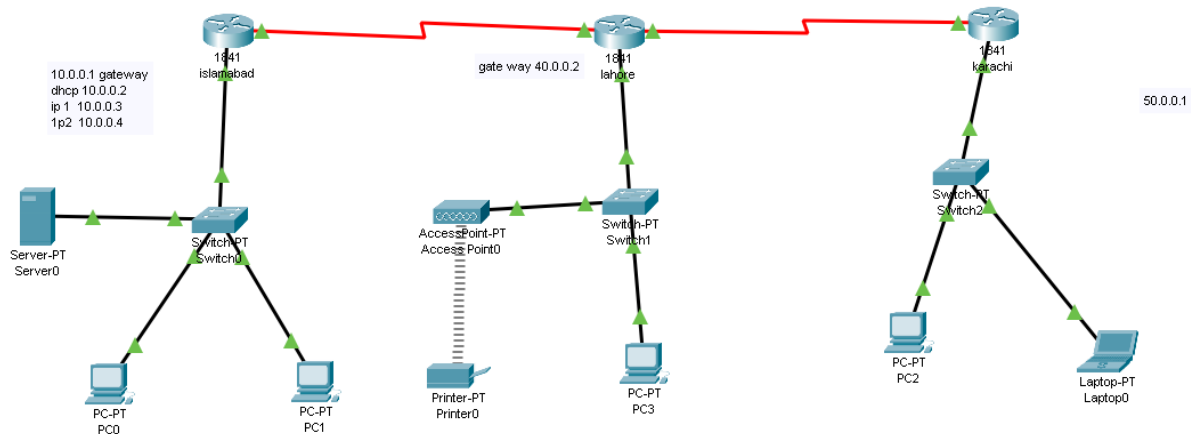
PRACESS

FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE WILL GIVE A GATE WAY TO THE ROUTER.

THEN WE PING THE COMPUTER THROUGH IPS

PRACTICAL 9

STRUCTURE:

ARRANGMENTS :

WE WILL TAKE 5 PC .

WE WILL ALSO TAKE AN 1 ACCESS POINT , 1PRINTER .

THEN WE WILL CONNECT ACCESS POINT .

CONNECTED WITH ACCESS POINT AND ACCESS POINT ALSO CONNECTE WIRELESS

WITH PRINTER.

WE WILL CONNECT 3 LANS NETWORKS .

PRACESS

FIRST WE WILL TAKE IP ADDRESS TO THE COMPUTER AND ALSO GATEWAY.

THEN WE SET THE PASSWORD IN ACCESS POINT IN PORT 1.

THEN WE WIRELESSLY CONNECTED A PRINTER WITH ACCESS POINT .

THEN WE WILL PING THE RESULT.