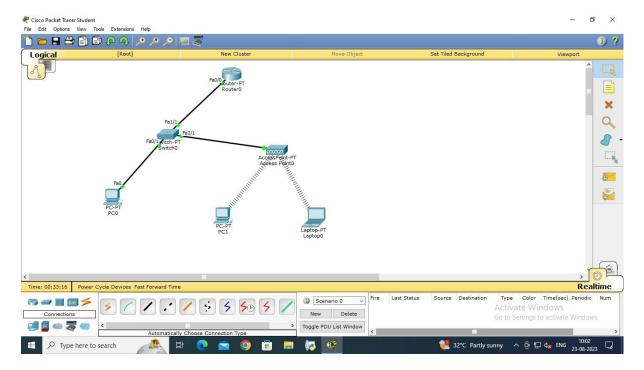
EXPERIMENT-11

TITLE: To construct a WLAN and make the nodes communicate wirelessly

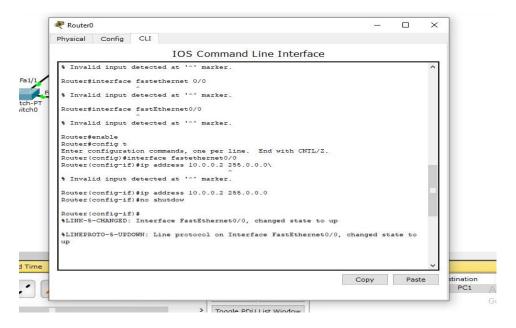
AIM: To demonstrate WLAN connection wirelessly

TOPOLOGY

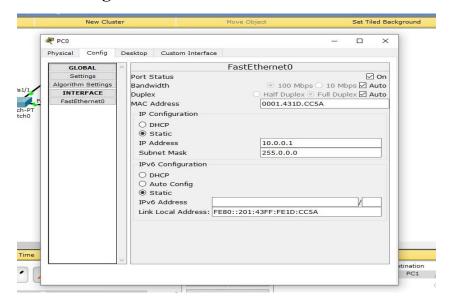


PROCEDURE (steps):

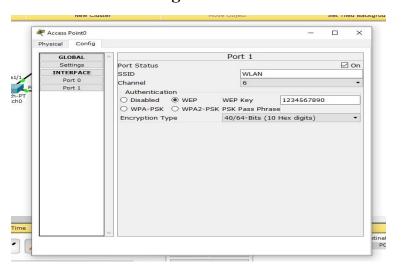
Router-Configuration:



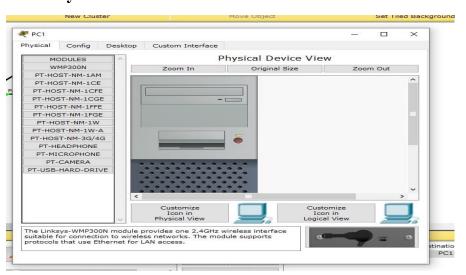
PC0-Configuration:

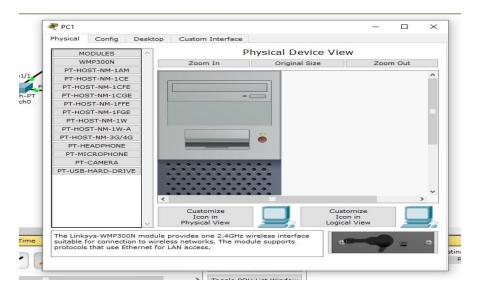


AccessPoint0- Configuration:

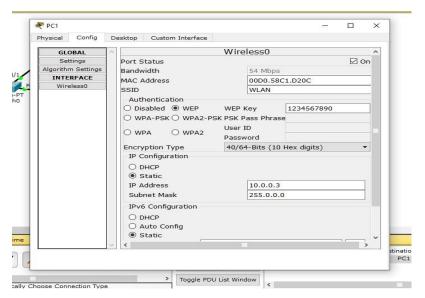


PC1 Physical:

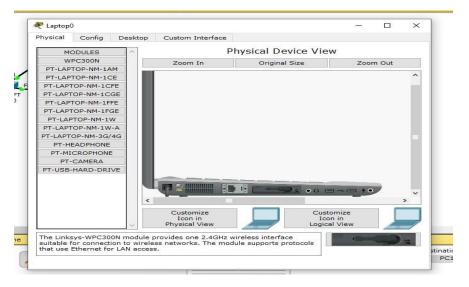




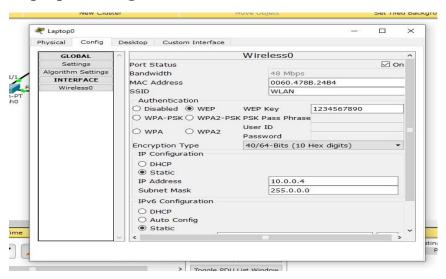
PC1-Configuartion:



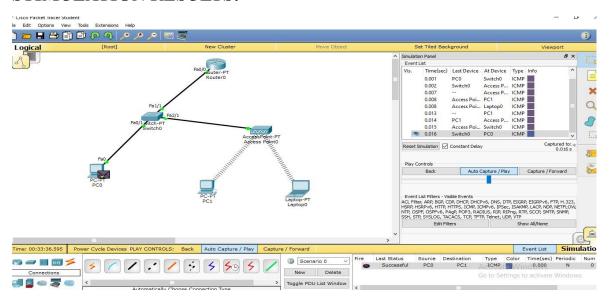
Laptop0-Physical:



Laptop0-Configuration:



STIMULATION RESULTS:



PING RESULTS (in CMD):

```
PC>PING 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

Reply from 10.0.0.3: bytes=32 time=41ms TTL=128
Reply from 10.0.0.3: bytes=32 time=14ms TTL=128
Reply from 10.0.0.3: bytes=32 time=13ms TTL=128
Reply from 10.0.0.3: bytes=32 time=13ms TTL=128
Reply from 10.0.0.3: bytes=32 time=13ms TTL=128

Ping statistics for 10.0.0.3:

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

Minimum = 13ms, Maximum = 41ms, Average = 20ms

PC>ping 10.0.0.4

Pinging 10.0.0.4 with 32 bytes of data:

Reply from 10.0.0.4: bytes=32 time=17ms TTL=128
Reply from 10.0.0.4: bytes=32 time=14ms TTL=128
Reply from 10.0.0.4: bytes=32 time=14ms TTL=128
Reply from 10.0.0.4: bytes=32 time=15ms TTL=128

Ping statistics for 10.0.0.4:

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

Minimum = 14ms, Maximum = 17ms, Average = 15ms

PC>
```