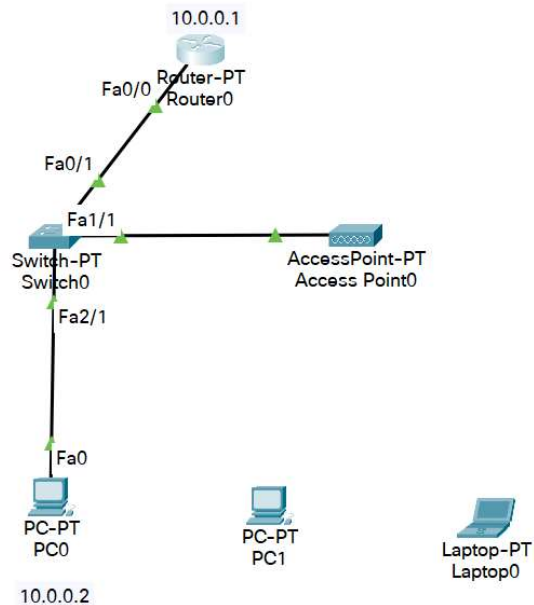
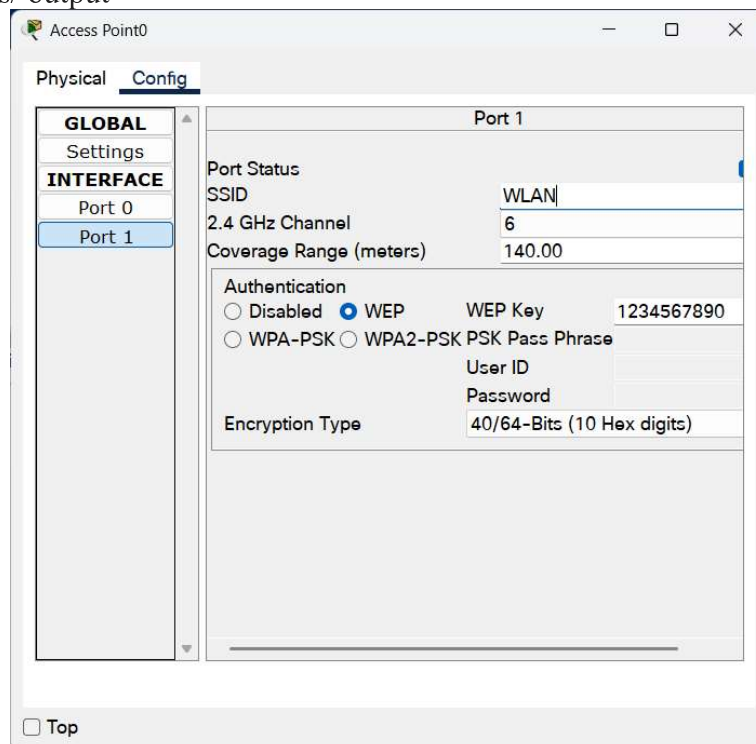


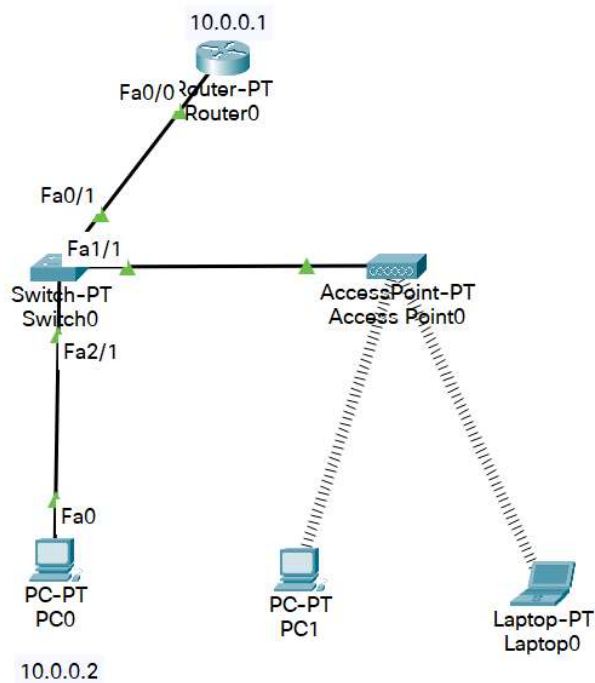
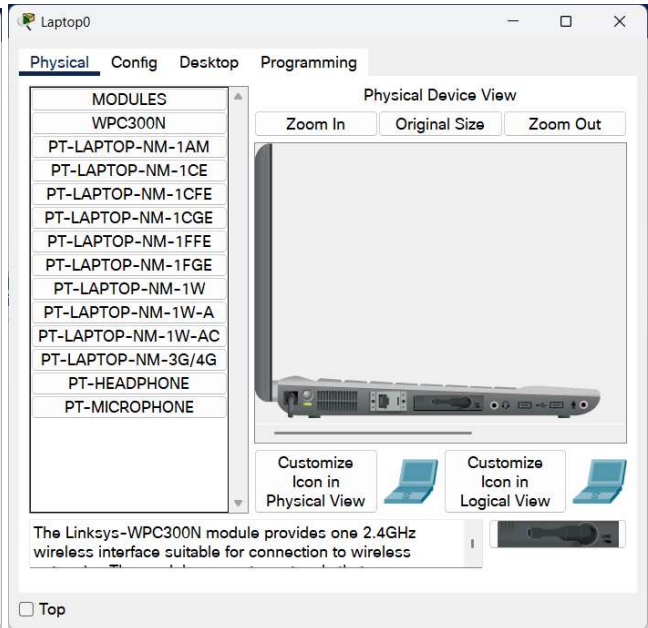
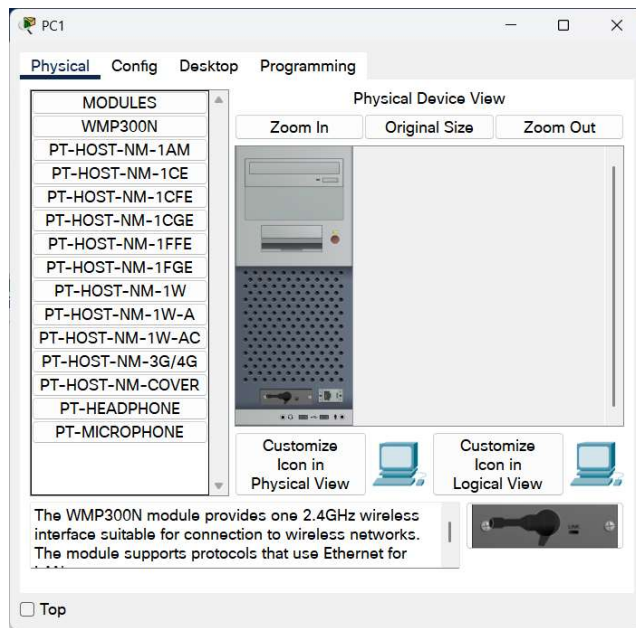
Program 12

- i. To construct a WLAN and make the nodes communicate wirelessly.
- ii. Procedure along with the topology

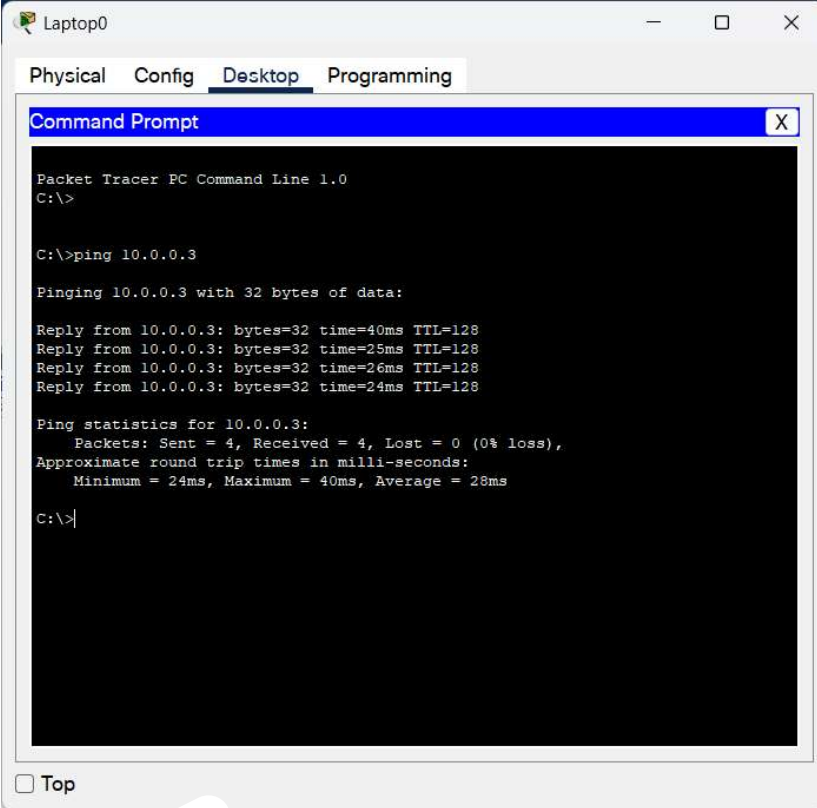


- iii. Screen shots/ output





Ping:



The screenshot shows a Packet Tracer PC Command Line window for a device named 'Laptop0'. The window has tabs for 'Physical', 'Config', 'Desktop', and 'Programming', with 'Desktop' currently selected. The command prompt displays the output of a 'ping 10.0.0.3' command. The output shows four successful replies with varying round-trip times (40ms, 25ms, 26ms, 24ms) and a TTL of 128. Ping statistics indicate 4 packets sent, 4 received, and 0% loss, with an average round-trip time of 28ms. The prompt ends with 'C:\>|'.

```
Packet Tracer PC Command Line 1.0
C:\>

C:\>ping 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

Reply from 10.0.0.3: bytes=32 time=40ms TTL=128
Reply from 10.0.0.3: bytes=32 time=25ms TTL=128
Reply from 10.0.0.3: bytes=32 time=26ms TTL=128
Reply from 10.0.0.3: bytes=32 time=24ms 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 = 24ms, Maximum = 40ms, Average = 28ms

C:\>|
```