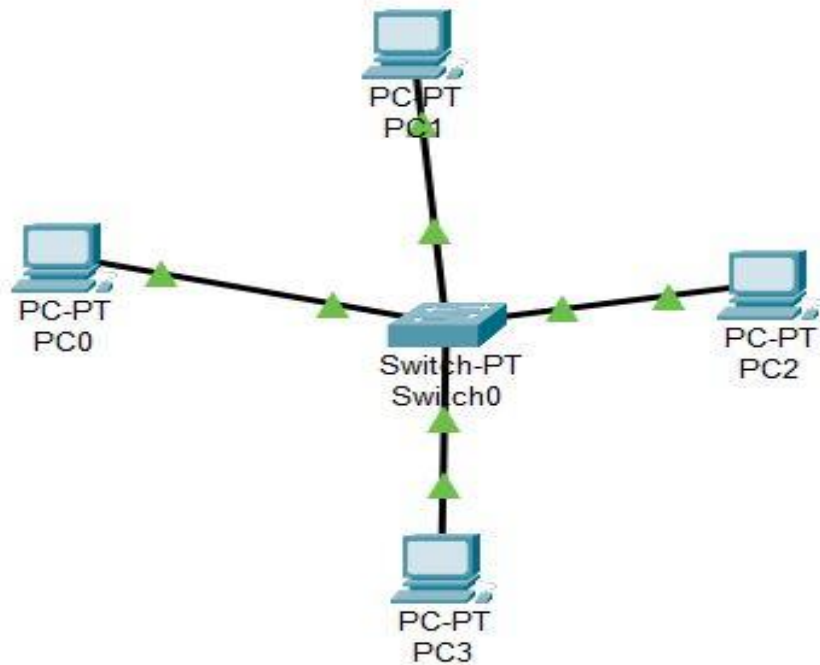


Testing by Ping and output:-



PC1

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

☐ Top

Wireless ping output:-

```
Activities  Terminal  Fri Sep 18 10:37 AM
pratt3000@pratts-laptop: -

(base) pratt3000@pratts-laptop ~$ ip addr show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: wlp1s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
    link/ether f8:34:41:b7:19:2f brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.108/24 brd 192.168.0.255 scope global dynamic noprefixroute wlp1s0
        valid_lft 81816sec preferred_lft 81816sec
    inet6 fe80::4fab:7174:8a15:9029/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
(base) pratt3000@pratts-laptop ~$ ping -b 192.168.0.108
PING 192.168.0.108 (192.168.0.108) 56(84) bytes of data.
64 bytes from 192.168.0.108: icmp_seq=1 ttl=64 time=0.025 ms
64 bytes from 192.168.0.108: icmp_seq=2 ttl=64 time=0.028 ms
64 bytes from 192.168.0.108: icmp_seq=3 ttl=64 time=0.029 ms
64 bytes from 192.168.0.108: icmp_seq=4 ttl=64 time=0.035 ms
64 bytes from 192.168.0.108: icmp_seq=5 ttl=64 time=0.027 ms
64 bytes from 192.168.0.108: icmp_seq=6 ttl=64 time=0.027 ms
64 bytes from 192.168.0.108: icmp_seq=7 ttl=64 time=0.047 ms
64 bytes from 192.168.0.108: icmp_seq=8 ttl=64 time=0.039 ms
64 bytes from 192.168.0.108: icmp_seq=9 ttl=64 time=0.029 ms
64 bytes from 192.168.0.108: icmp_seq=10 ttl=64 time=0.027 ms
64 bytes from 192.168.0.108: icmp_seq=11 ttl=64 time=0.042 ms
64 bytes from 192.168.0.108: icmp_seq=12 ttl=64 time=0.028 ms
64 bytes from 192.168.0.108: icmp_seq=13 ttl=64 time=0.024 ms
^C
--- 192.168.0.108 ping statistics ---
13 packets transmitted, 13 received, 0% packet loss, time 12278ms
rtt min/avg/max/mdev = 0.024/0.031/0.047/0.006 ms
(base) pratt3000@pratts-laptop ~$
```

WireShark output:-

| No. | Time | Source | Destination | Protocol | Length | Info |
|-------|-----------|----------------|----------------|----------|--------|---|
| 11550 | 27.229032 | 52.85.117.64 | 192.168.43.163 | TCP | 1354 | 443 → 49782 [ACK] Seq=5428931 Ack=645 Win=31488 Len=1300 [TCP segment of a reassembled PDU] |
| 11551 | 27.229121 | 192.168.43.163 | 52.85.117.64 | TCP | 54 | 49782 → 443 [ACK] Seq=645 Ack=5430231 Win=370432 Len=0 |
| 11552 | 27.230408 | 52.85.117.64 | 192.168.43.163 | TCP | 1354 | 443 → 49782 [ACK] Seq=5430231 Ack=645 Win=31488 Len=1300 [TCP segment of a reassembled PDU] |
| 11553 | 27.230501 | 192.168.43.163 | 52.85.117.64 | TCP | 54 | 49782 → 443 [ACK] Seq=645 Ack=5431531 Win=369152 Len=0 |
| 11554 | 27.230771 | 52.85.117.64 | 192.168.43.163 | TCP | 1354 | 443 → 49782 [ACK] Seq=5431531 Ack=645 Win=31488 Len=1300 [TCP segment of a reassembled PDU] |
| 11555 | 27.242096 | 52.85.117.64 | 192.168.43.163 | TCP | 1354 | 443 → 49782 [ACK] Seq=5432831 Ack=645 Win=31488 Len=1300 [TCP segment of a reassembled PDU] |
| 11556 | 27.242192 | 192.168.43.163 | 52.85.117.64 | TCP | 54 | 49782 → 443 [ACK] Seq=645 Ack=5434131 Win=366592 Len=0 |
| 11557 | 27.242392 | 52.85.117.64 | 192.168.43.163 | TCP | 1354 | 443 → 49782 [ACK] Seq=5434131 Ack=645 Win=31488 Len=1300 [TCP segment of a reassembled PDU] |
| 11558 | 27.247634 | 52.85.117.64 | 192.168.43.163 | TCP | 1354 | 443 → 49782 [ACK] Seq=5435431 Ack=645 Win=31488 Len=1300 [TCP segment of a reassembled PDU] |
| 11559 | 27.247697 | 192.168.43.163 | 8.36.80.234 | TCP | 54 | 49772 → 80 [ACK] Seq=158 Ack=610513 Win=64768 Len=0 |
| 11560 | 27.247737 | 192.168.43.163 | 52.85.117.64 | TCP | 54 | 49782 → 443 [ACK] Seq=645 Ack=5436731 Win=363776 Len=0 |
| 11561 | 27.249632 | 52.85.117.64 | 192.168.43.163 | TCP | 1354 | 443 → 49782 [ACK] Seq=5436731 Ack=645 Win=31488 Len=1300 [TCP segment of a reassembled PDU] |

> Frame 1: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface \Device\NPF_{929ECFC2-8E4A-45B0-9F1E-DF153F139052}, id 0

> Ethernet II, Src: XiaomiCo_1f:6d:55 (0c:f3:46:1f:6d:55), Dst: IntelCor_ac:7b:d2 (f4:d1:08:ac:7b:d2)

> Internet Protocol Version 4, Src: 40.122.160.14, Dst: 192.168.43.163

> Transmission Control Protocol, Src Port: 443, Dst Port: 49725, Seq: 1, Ack: 1, Len: 0

| | | |
|------|---|------------------|
| 0000 | f4 d1 08 ac 7b d2 0c f3 46 1f 6d 55 08 00 45 00 |{...F-mU...E |
| 0010 | 00 28 0d 5a 40 00 6b 06 4d a2 28 7a a0 0e c0 a8 | ..(Z@.k.M.(z.... |
| 0020 | 2b a3 01 bb c2 3d c5 cb fd 5b 9e 4d bf 03 50 10 | +.....-[.M...P |
| 0030 | 04 01 12 8e 00 00 | |

Wi-Fi: <live capture in progress>

Packets: 11561 · Displayed: 11561 (100.0%)