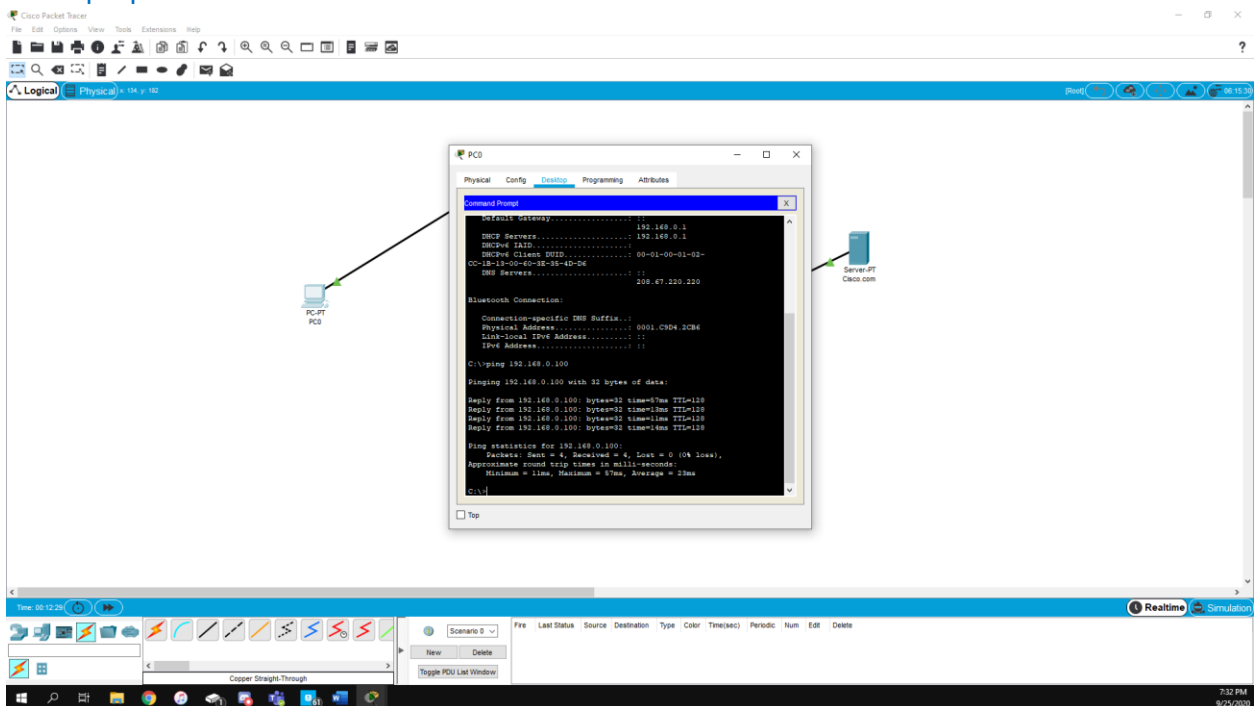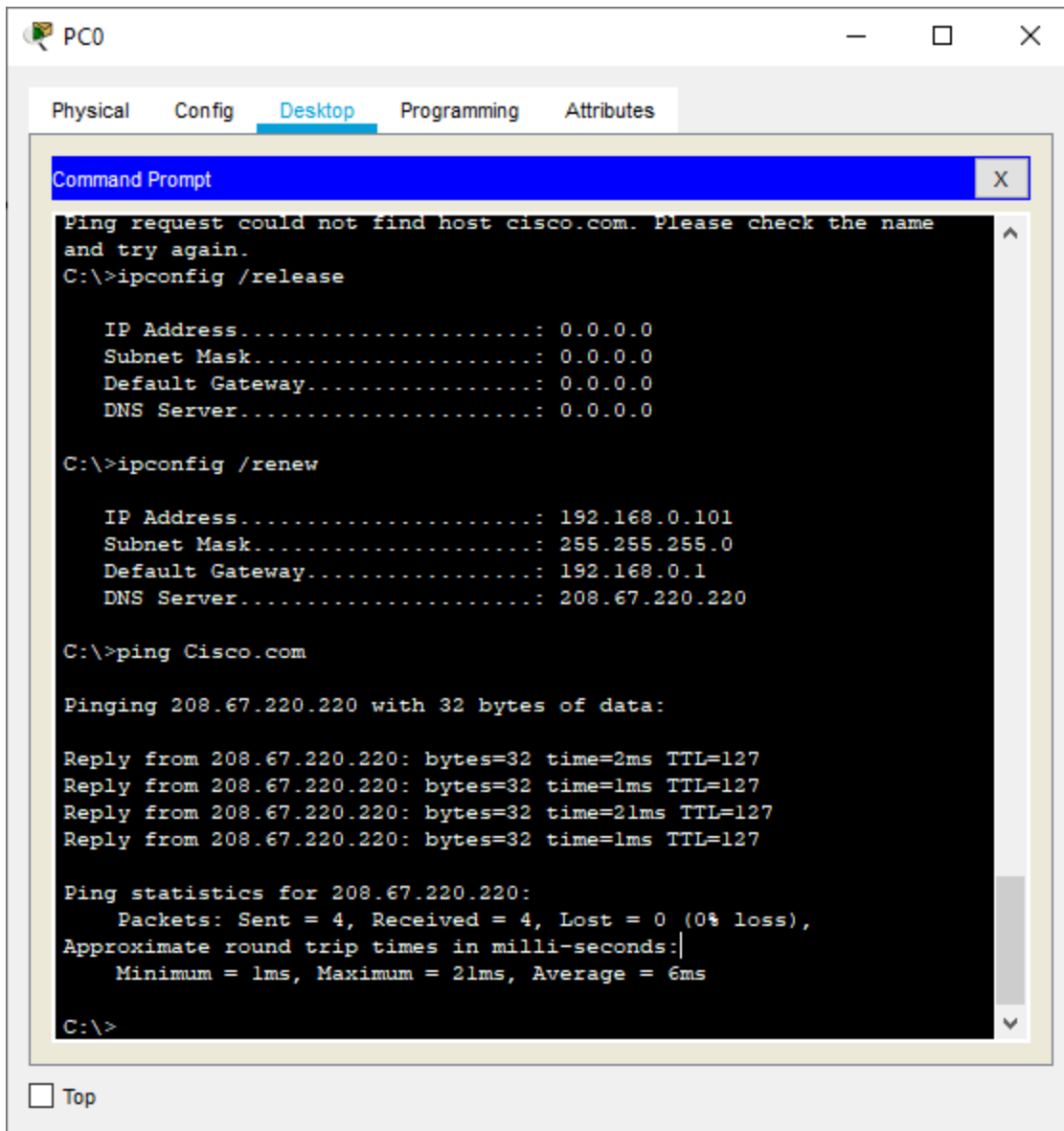# Homework 4 – Packet Tracer

- This is an individual assignment, and is worth 20 points.
- The due date is Friday, September 25 midnight.
- Submit the final outcome and *.pkt file.
- Follow usual naming convention.
- Copying and submitting someone else's work is strictly prohibited. If caught, the students (giver and receiver) will receive zero on this assignment and also a 20 points penalty.

Task 1. Complete all the Parts in the following file: *2.1.1.5 Packet Tracer - Create a Simple Network Using Packet Tracer.pdf*.

- Ping **Laptop** from **PC** and take a screenshot of the outcome. You should try the IP address of the Laptop.

- Ping **Cisco.com** from **PC** and take a screenshot of the outcome (refer to p. 14).

```
PC0                                                    —    □    ✕

Physical    Config    Desktop    Programming    Attributes

Command Prompt                                                  X

 Ping request could not find host cisco.com. Please check the name
 and try again.
 C:\>ipconfig /release

     IP Address.......................: 0.0.0.0
     Subnet Mask......................: 0.0.0.0
     Default Gateway..................: 0.0.0.0
     DNS Server.......................: 0.0.0.0

 C:\>ipconfig /renew

     IP Address.......................: 192.168.0.101
     Subnet Mask......................: 255.255.255.0
     Default Gateway..................: 192.168.0.1
     DNS Server.......................: 208.67.220.220

 C:\>ping Cisco.com

 Pinging 208.67.220.220 with 32 bytes of data:

 Reply from 208.67.220.220: bytes=32 time=2ms TTL=127
 Reply from 208.67.220.220: bytes=32 time=1ms TTL=127
 Reply from 208.67.220.220: bytes=32 time=21ms TTL=127
 Reply from 208.67.220.220: bytes=32 time=1ms TTL=127

 Ping statistics for 208.67.220.220:
     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 1ms, Maximum = 21ms, Average = 6ms

 C:\>

□ Top
```
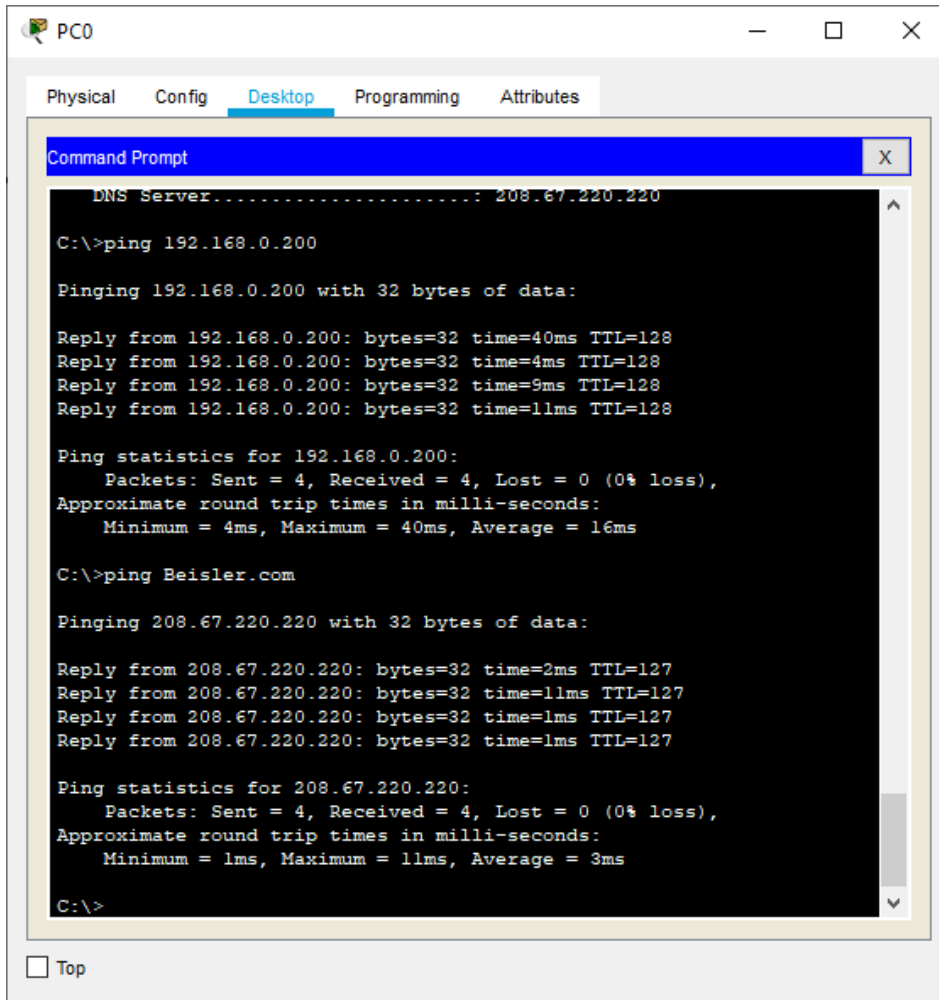
Task 2. Change the name of the network devices.

- Ping **Laptop** from **PC** and take a screenshot of the outcome. You should try the IP address of

the Laptop.
- Ping **[your last name].com** from **PC** and take a screenshot of the outcome.

Task 3. Complete Parts 1 and 2 (not 3) in the following file: *3.1.1.3 Packet Tracer - Explore Network Functionality Using PDUs.pdf*.

- Take a screenshot of the **Simulation Panel** (like the one on p.4).

Task 4. Submit your *.pkt file.