IFT 259 Introduction to Internet Networking

Lab 13
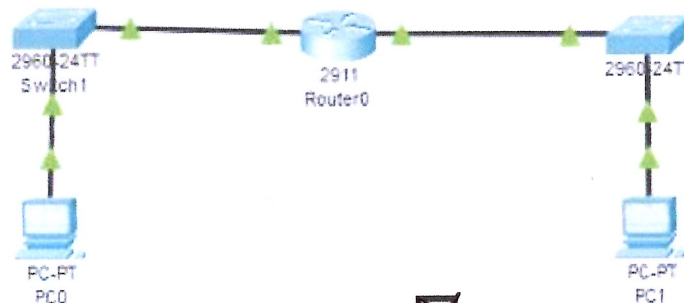# Understanding the importance of Default Gateways

Co-authored by James Copsey

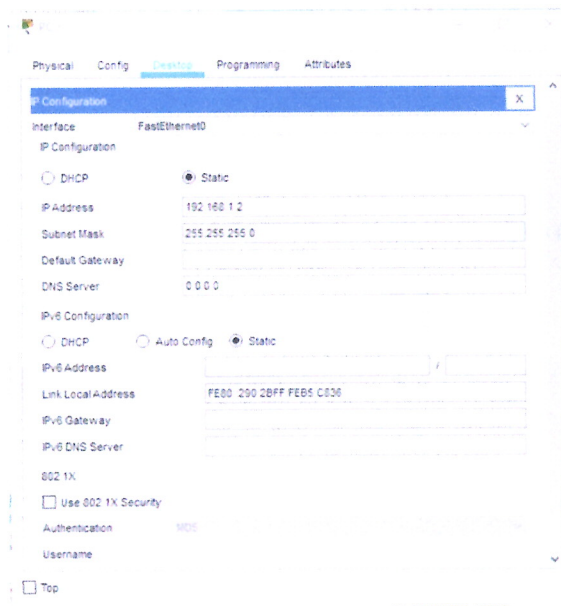Student Number (last 4 digits only): __4316__

After you complete each step, put a '√' or 'x' in the completed box

1. Set up the following topology in packet tracer.

Completed ☒

2. Configure PC0 as shown below

Completed ☒

3. Repeat the previous step for PC1 giving it a different IP address so it is assigned to the 19.168.2.0

Completed ☒

4. Now assign IP addresses to both GigabitEthernet0/0 interfaces on the router. You can the use GUI or the command line.

Completed ☒

5. Attempt to ping PC1 from PC0.

What happened?

Did not ping request timed out

Why didn't the ping work?

There was no default gateway

6. On PC0, enter in the default gateway as the IP address you set for GigabitEthernet0/0.

Completed ☒

7. Repeat the same step for PC1 and GigabitEthernet0/1, that you did for PC0 in step 6.

Completed ☒

8. Attempt to ping PC1 from PC0 again.

Did it work?

It should be a "yes"

If not........start troubleshooting 😊

9. Attach a screenshot of your successful ping below