WEEK 3. LAB 5. and LAB 6.

This lab introduces or reintroduces us to the Cisco Packet Tracer simulator.

1. Watch the following videos and perform the same steps as in the videos.
2. Submit your screen shots of these two configurations to the Assignment drop box. Ensure you label your appliances and devices with the following format initials and device acronym ... for example I would label router 1 as PWR1 since my name is Peter Wheeler.
3. Provide Full screen shots including the time stamp.
4. Provide all on one document in a .docx or .pdf format
5. **Note the time you took and any issues you encountered in performing these two labs.**
6. A Cisco Commands cheat sheet is provided in Week 1. Materials along with additional instructional references.
7. All ports must show as connected ... Green typically means **the port is connected** (meaning its status is up/up). That means a cable is connected to the port, and the other end is connected to a device which is powered on, or otherwise providing a link beat.

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| **OSI MODEL**  **ANALYZING ETHERNET SWITCHING**  [Free CCNA | Analyzing Ethernet Switching | Day 6 Lab | CCNA 200-301 Complete Course - YouTube](https://www.youtube.com/watch?v=Ig0dSaOQDI8&list=PLxbwE86jKRgMpuZuLBivzlM8s2Dk5lXBQ&index=12) | Build the network in Cisco Packet Tracer on your lab PC or your own PC and label switches and routers with your initials preceding the device name e.g., **PWR1 or PWS1** for Peter Wheeler’s devices ... submit your design to Canvas.  **There are 5 steps ... show all in your screen shots**  **NOTE ... only do the Cisco Packet Tracer portion of this video lab ... he introduces NetSim which you are not required to complete.** |
| **BASIC DEVICE SECURITY**  **CONFIGURING IP ADDRESSING**  [Free CCNA | Configuring IP Addresses | Day 8 Lab | CCNA 200-301 Complete Course - YouTube](https://www.youtube.com/watch?v=e1jbvyMeS5I&list=PLxbwE86jKRgMpuZuLBivzlM8s2Dk5lXBQ&index=15) | Build the network in Cisco Packet Tracer on your lab PC or your own PC and label switches and routers with your initials preceding the device name e.g., **PWR1 or PWS1** for Peter Wheeler’s devices ... submit your design to Canvas.  **There are 10 steps ... show all the steps in your screen shots.** |