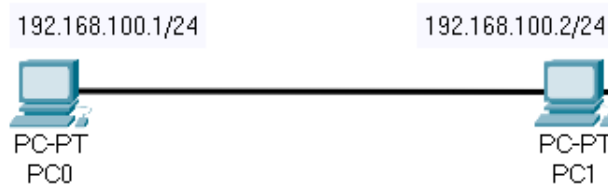


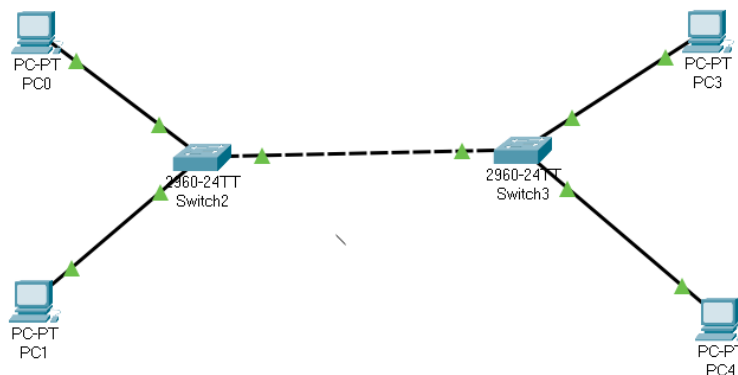
## CO513 - Lab 01

### Introduction to Cisco Packet Tracer

- 1) Download and install the latest version of Cisco Packet Tracer. (You may need to enroll via <https://www.netacad.com/courses/packet-tracer/introduction-packet-tracer> to get the latest version for free)
- 2) Add two PCs to the layout and connect as shown below.
  - a) Assign IP addresses and subnet masks. Label them near each PC for readability.
  - b) Open a command prompt at one of the PCs and try to ping the other. What do you observe? Explain your observations.
  - c) What should you do to connect the two PCs directly?



- 3) Create the network shown below



- a) Assign IP addresses and subnet masks appropriately. Label each properly.
- b) Switch to the Simulation mode instead of the Realtime mode.
- c) Add a filter to list only ping request packets.
- d) Start the simulation. Then, open a command prompt at PC1 and ping the PC3. Take a screenshot during the simulation.

Create a small report renamed as E16XXX\_report.pdf (XXX is your E Number) including the screenshots for your observations, simulations, and answers.

Submit a zip file **E16XXX\_Lab01.zip** (XXX is your E Number) which contains the following.

- **E16XXX\_report.pdf**
- **E16XXX\_Q3.pkt** (Packet Tracer Activity File for Q3)