CISCO Packet Tracer In-Lab Assignment for Lab Section-A

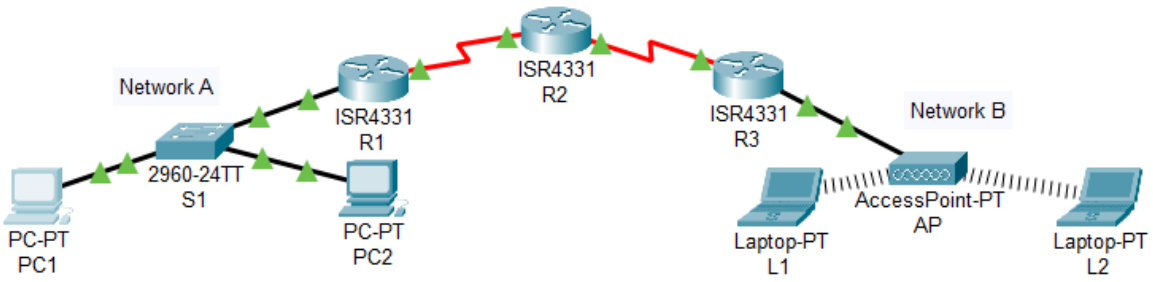
Rules:

1. You are working on this assignment **INDIVIDUALLY, no communication with other students**
2. You may use the internet and lab material given
3. You are **not allowed to use any AI tool**
4. **Show your work and sign the attendance sheet to get graded**

Objectives

- Build the network in the image below from scratch.
- Use the IP ranges in the table to configure the network (IPv4 addresses).
- Verify that the network works using the following steps:
  - Send a packet from PC1 to PC2
  - Send a packet from L1 to L2
  - Send a packet from PC1 to L1
  - Send a packet from L1 to PC1
- Once you are done, call one of the TAs to check your work. Make sure you sign the attendance sheet before leaving class.
- You will not submit anything to SUCourse. The only way you will be graded is if you show your work to a TA and sign the attendance sheet.

Here is the network that you must have built by the end of this lab:



This is the table that you will use to configure the devices in the network above.

Starting IP (Subnet IP)	End IP (Broadcast IP)	Mask
192.168.1.0	**192.168.1.7**	**/29**
192.168.1.8	**192.168.1.15**	**/29**
192.168.1.16	**192.168.1.19**	**/30**
192.168.1.20	**192.168.1.23**	**/30**

Once you are done building the network and configuring it, make sure you carry out the verification steps mentioned under the Objectives section. Call a TA to see your work once you are ready.