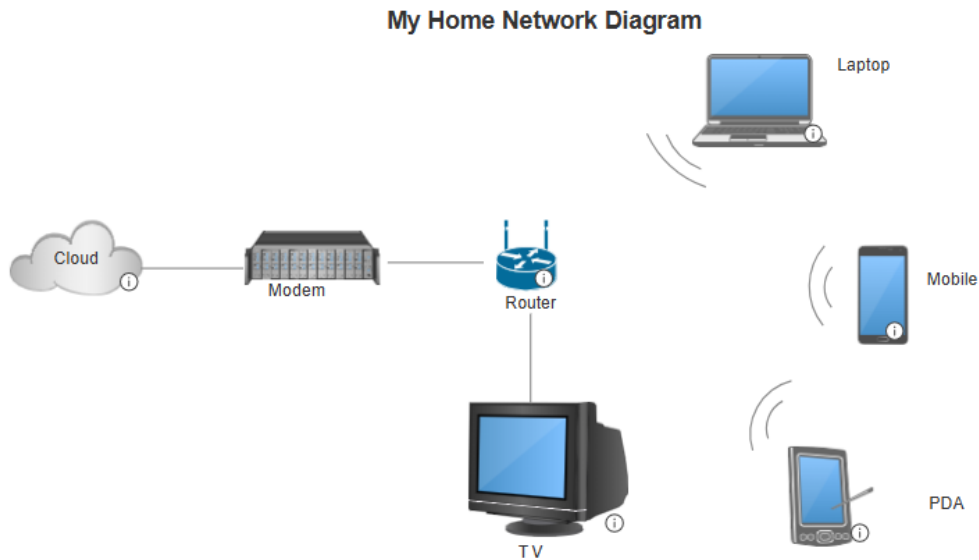


Assignment-1

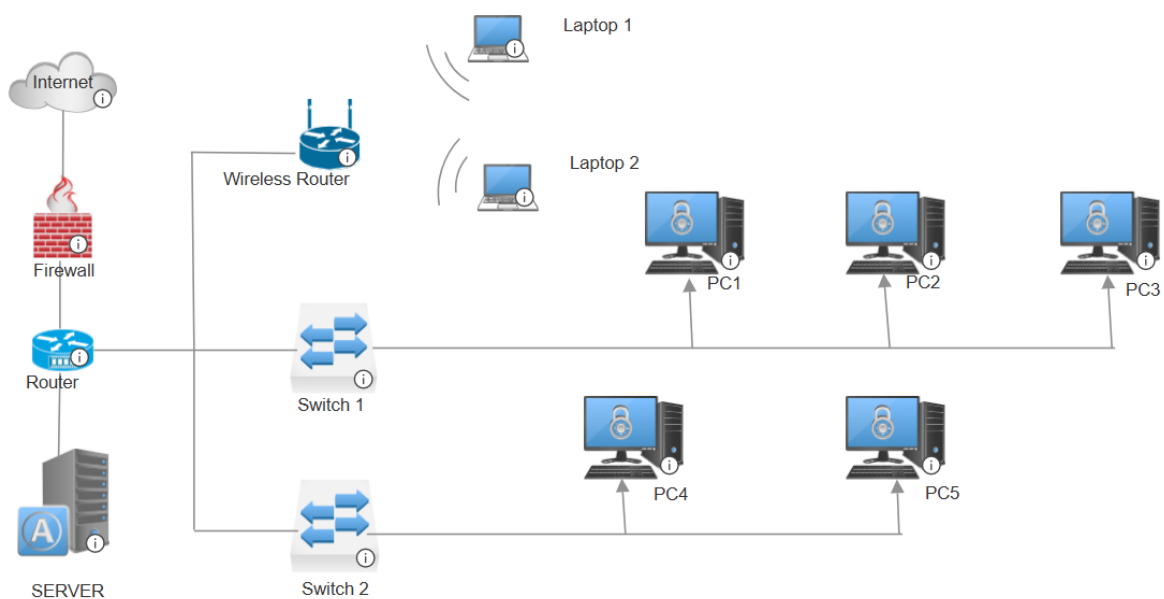
Problem: Draw your Home Network Topology and explain how you are accessing the Any(College lab , office lab) Lab environment.

Solution:

My Home Network Topology:



Lab Network Topology:



Assignment-1

1. Local Access (When You Are in the Lab)

- **Wired Connection:**

Connect your computer to the network using a cable (Ethernet).

Example: The PCs (like PC1, PC2) in the diagram are connected to the switches using cables.

- **Wireless Connection:**

Connect to the Wi-Fi provided by the lab's wireless router.

Example: Laptops (Laptop 1, Laptop 2) in the diagram are connected through Wi-Fi.

2. Web Access (Through a Browser)

Some labs allow access through a website or portal.

- Just open your browser, log in to the lab's portal, and use the tools or software provided.
- Example: Cloud-based labs or admin dashboards.