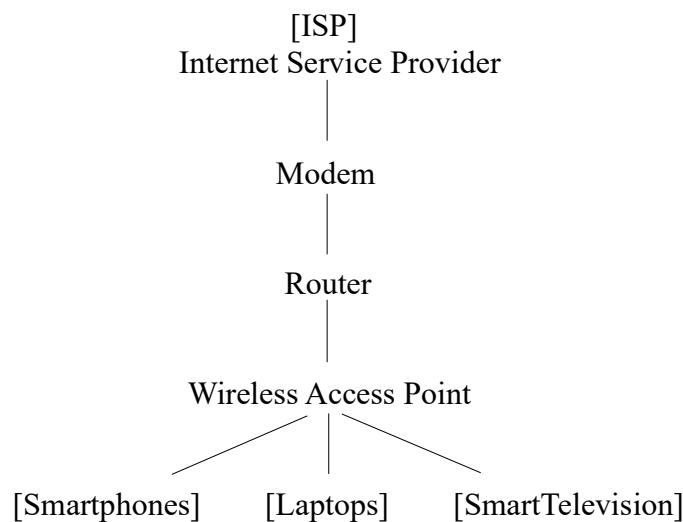


## ASSIGNMENT - 1

Draw your Home Network Topology and explain how you are accessing the RPS Lab environment.

### Solution:

We are Using Tree Topology in our Home,



### Explanation:

1. **Internet Service Provider (ISP):** This is where our internet connection originates from, usually a cable or fiber optic line.
2. **Modem:** The Modem connects directly to the ISP and converts the incoming signal into a form the network devices can use.
3. **Router:** The router acts as the central hub of the network, managing the traffic between the devices and the internet. It typically connects to the modem and serves as a gateway for the devices to access the internet.
4. **Wireless Access Point (WAP):** This device provides Wi-Fi connectivity, allowing wireless devices such as laptops, smartphones, and SmartTelevision to connect to the network.
5. **Smartphones, Laptops, SmartTelevision:** These are various devices that connect to the network through wireless connections, to access the internet.