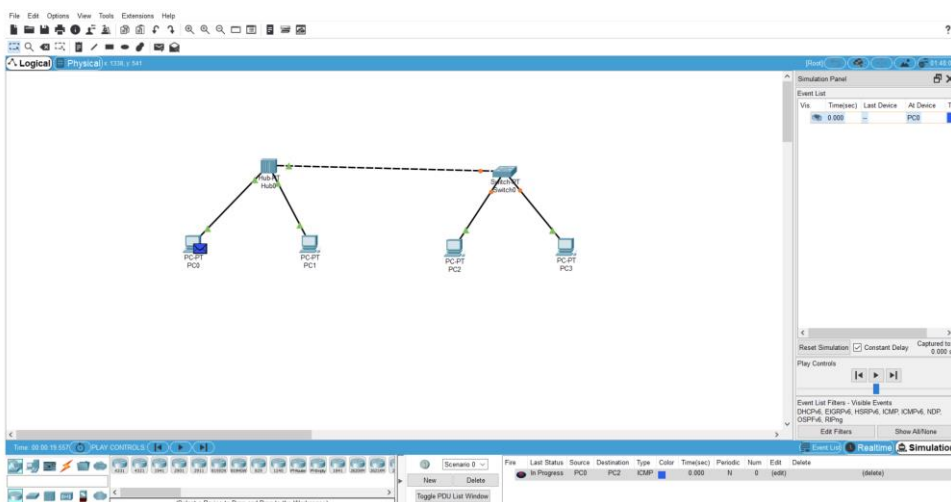
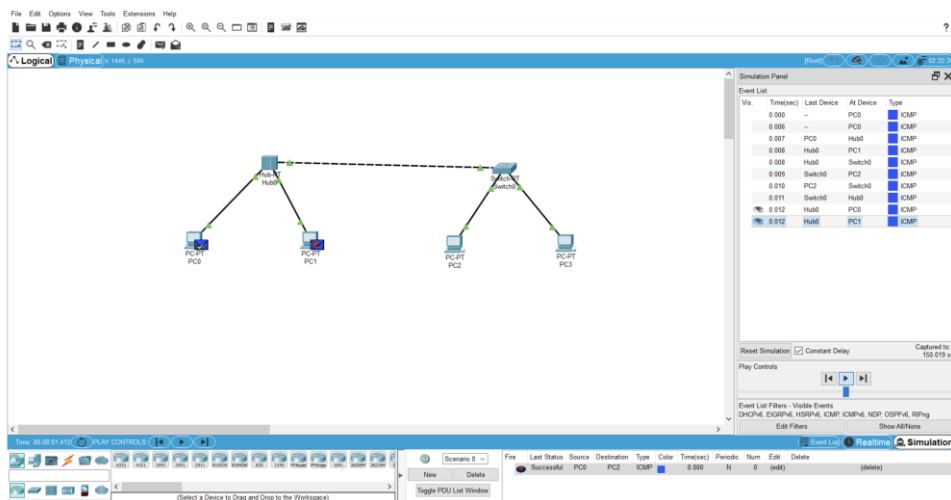


Creating a topology and simulating a simple PDU using hub and switch as connecting devices

- A topology was created using Hub-PT and Switch-PT as connecting devices and two PC's connected to hub and switch using copper straight-through and copper cross-over connections
- A default gateway was configured.
- A unique IP address was configured for each PC.
- An ICMP packet was transferred from source to destination via Hub and Switch as connecting devices



Learning Outcomes

- Creating a topology.
- Configuring default gateway and ip address.
- Hub is a broadcasting device which forwards the packets to all the devices connected.
- Switch is an intelligent device which forwards the packets to only the intended destination.
- The device decision is to Encapsulate in layers 3 and 2 and Transmit in layer 1
- Simulation of sending a simple PDU from source to destination