

Computer networking

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Mid term practical

Q1

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Computer network

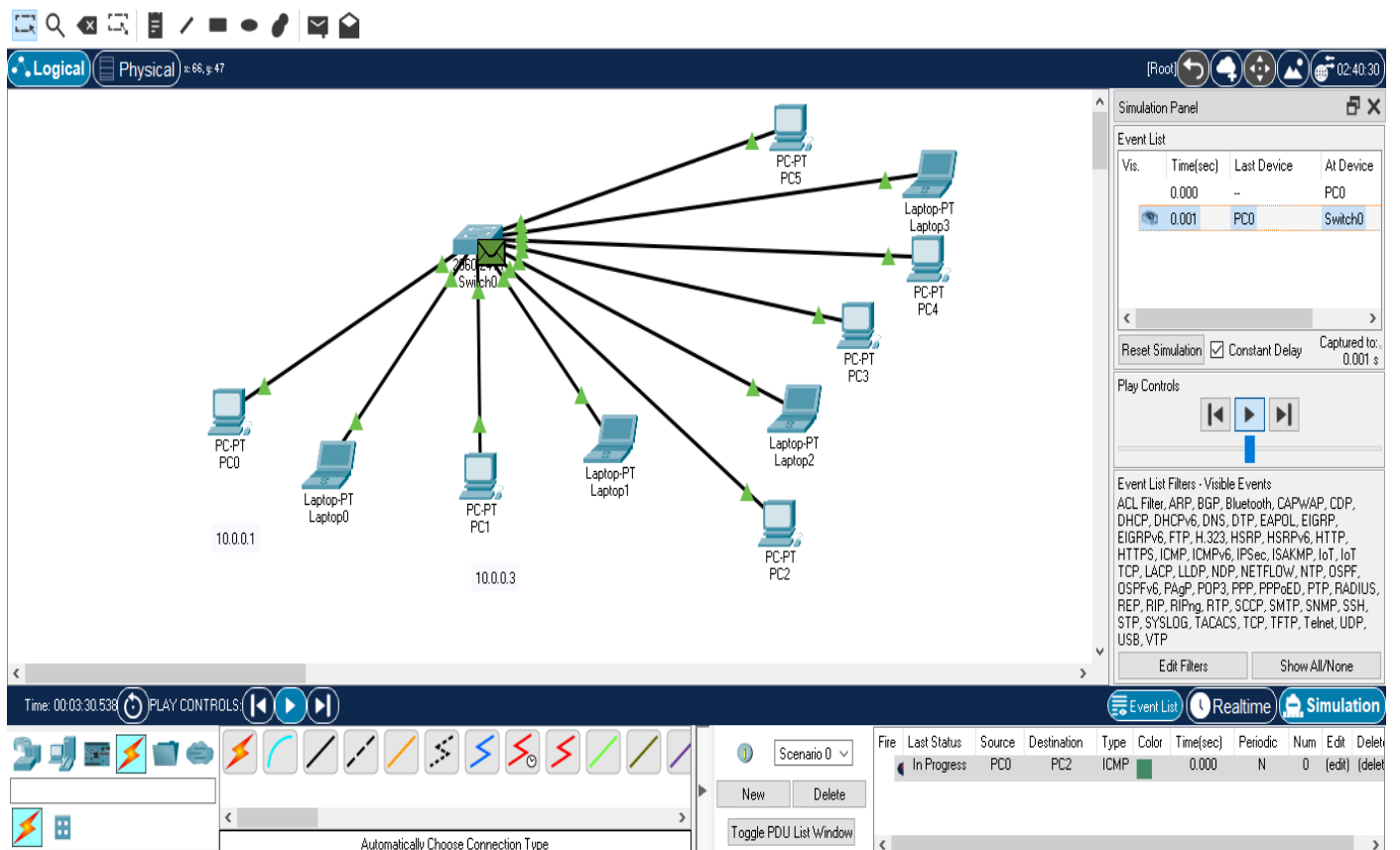
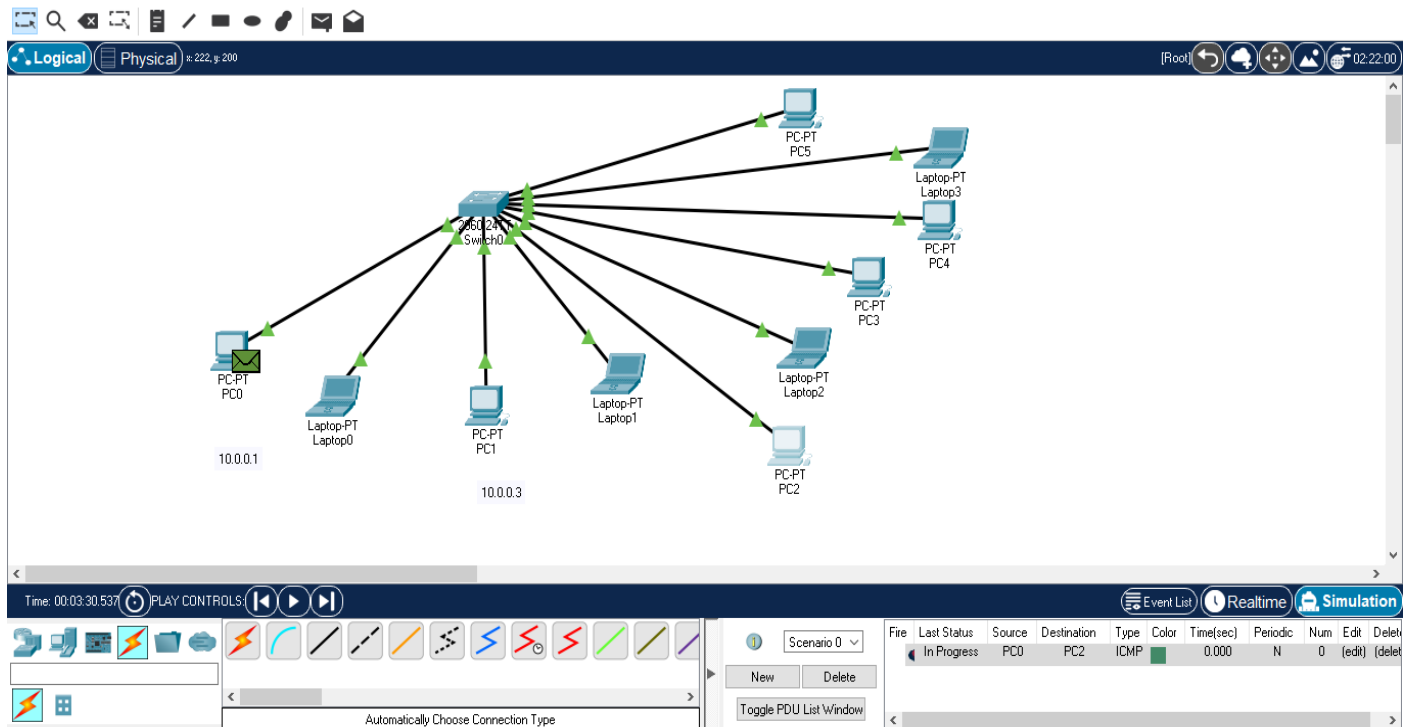
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Q2)

Objective :- Design a network for HR department and the size of the department is 10 users. communicate with each others.

Steps :-

- 1) Create a LAN with one switch and 10 users and connect all the users with switch using ethernet cables.
- 2) PC1 > Desktop > IP configuration, set IPV4 address as 192.168.1.1 and subnet mask will automatic fill
- 3) Repeat the 2nd step for all other PC like PC2 > Desktop > IP configuration set IPV4 address as 192.168.1.2
- 4) Repeat the step by increasing IP address by one.
- 5) Send the PDU to PC5 from PC1 and see simulation it successful or not.





Q 2.

Objective :- Two connect two organization G.E.U and G.E.H.U in a city & send message.

Steps :- Create two LAN for G.E.U and G.E.H.U with single switch and multiple end PC or users.

2. Connect both the lan with a router middle of them with cable.
3. Set the default gateway for G.E.U is 198.168.1.1

Set the default gateway for G.E.H.U is 168.168.1.1 in router.

4. In G.E.U set IPV4 address to all PC from 192.168.1.2 onwards and the default gateway as 198.168.1.1
5. In G.E.H.U Lan set IPV4 address to all PC from 168.168.1.2 onwards and default gateway as 168.168.1.1.
6. Send the PDU from PC of G.E.U to PC of G.E.H.U.

