	Marwadi University
Marwadi University logo	**Faculty of Engineering and Technology** **Department of Information and Communication Technology**
Subject: Computer Networks (01CT0503)	**Aim: Introduce networking simulator tool and demonstrate various functionality**
Experiment No: 01	**Date: 18-07-2024**	**Enrolment No: 92200133029**

Aim: Introduce networking simulator tool and demonstrate various functionality

Step – 1: Drag and drop PC/Laptops and switches from the bottom left panel.
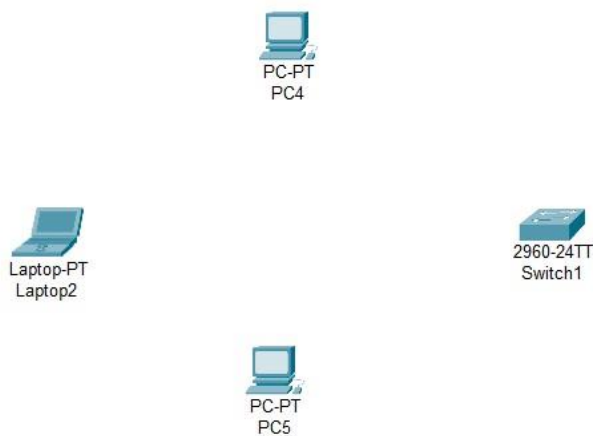
Step – 2 : Connect all PC/Laptop End User Devices to the switch using the Wire. This is how to connect a end user with a switch.
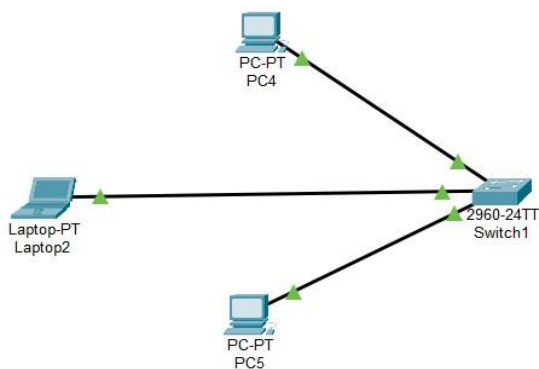
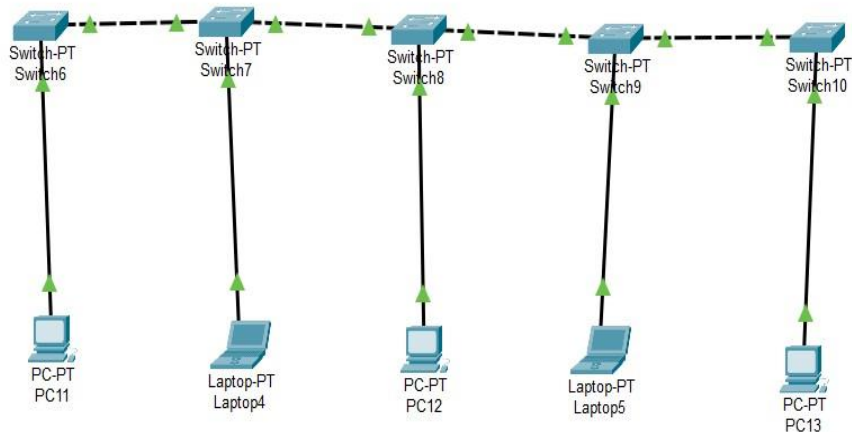note:- using the first wire with the symbol of lighting the package tracer will automatically select the best suited wire for the connection.

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Star topology: - Each Node is connected with a hub/Switch.
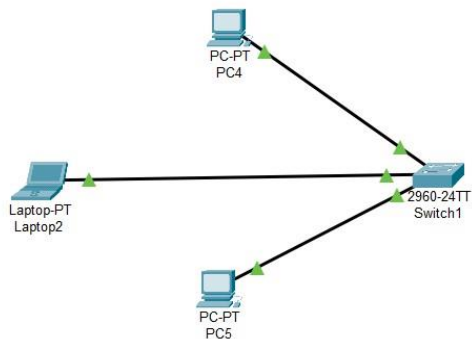
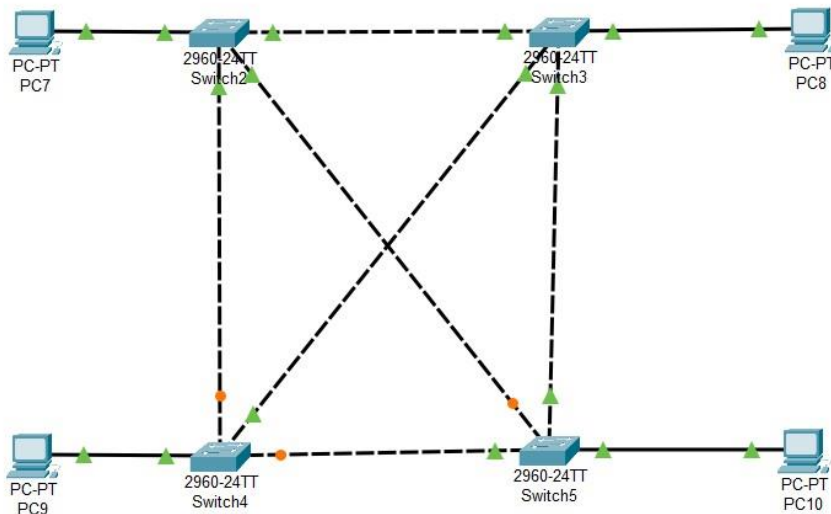Bus topology: - All nodes are connected to a single line/Connection.

Mesh topology: - All nodes are connected to each other.

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Conclusion:

Using Packet Tracer, I learned how different network devices like routers, switches, and computers are connected based on the network layout. The connections depend on the devices – for example, straight-through cables connect different devices (like a PC to a switch), while crossover cables connect similar ones (like switch to switch).

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