

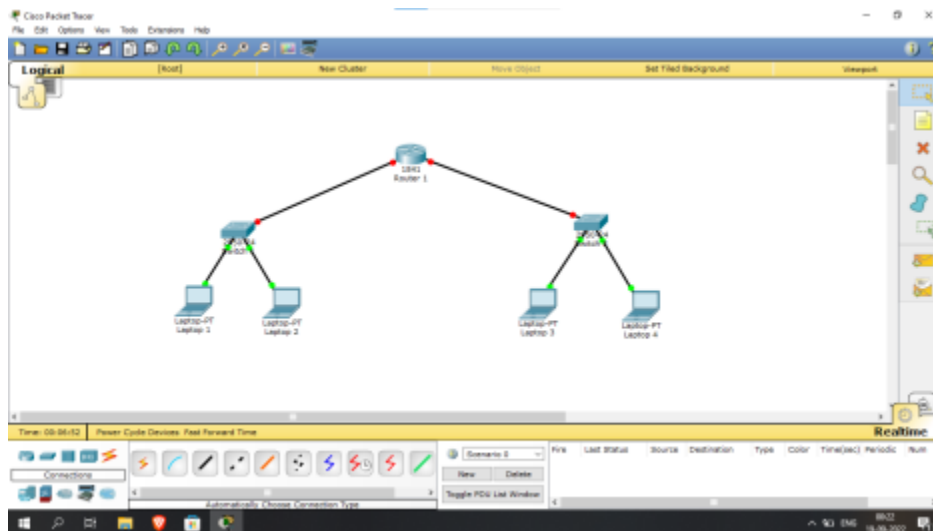
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Batch: D  
Subject: Computer Networks

## Experiment No. 3

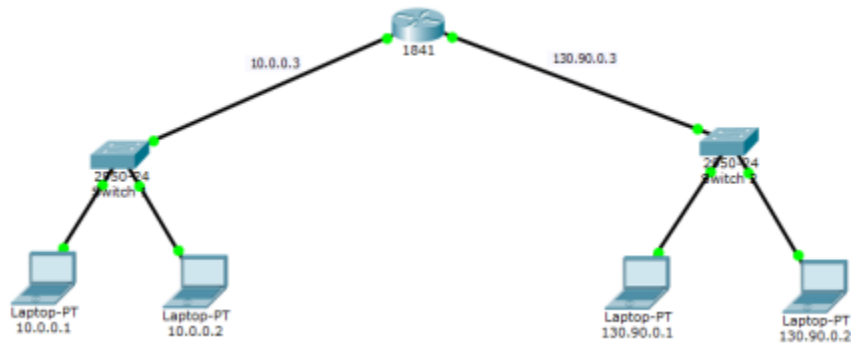
**Aim:** To perform static routing in the cisco packet tracer.

**Theory:** Cisco Packet Tracer is a cross-platform visual simulation tool designed by Cisco Systems that allows users to create network topologies and imitate modern computer networks. The software allows users to simulate the configuration of Cisco routers and switches using a simulated command line interface. Packet Tracer makes use of a drag and drop user interface, allowing users to add and remove simulated network devices as they see fit. The software is mainly focused towards Certified Cisco Network Associate Academy students as an educational tool for helping them learn fundamental CCNA concepts.

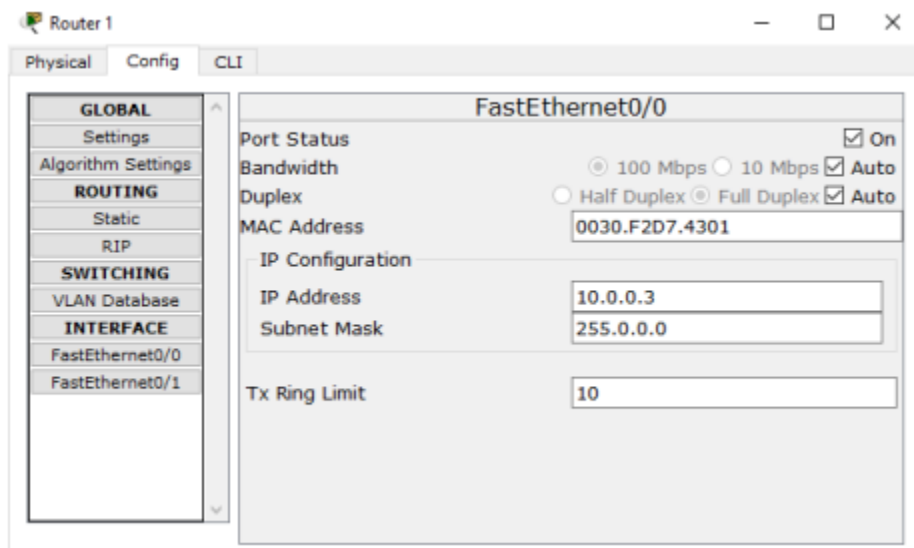
1) Make the following network in cisco packet tracer.1



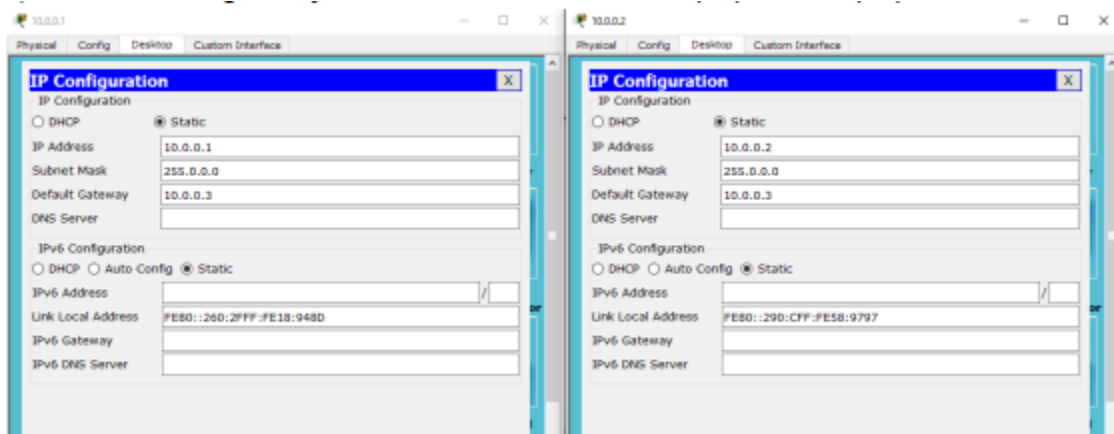
2) Set the ip addresses for 1st and 2nd network and router as shown in the figure.



3) Make the FastEthernet 0/0 and FastEthernet 0/1 port power on for router.2



4) Set the default gateway in network 1 as 10.0.0.3 for laptop 1 and laptop 2.



5) Set the default gateway in network 2 as 130.90.0.3 for laptop 3 and laptop 4.

