CSE 4344/5344 Computer Networks

Fall 2024

Homework 2

Due Date: 11/16/2024, 11:59 pm   Full Points : 100

Instruction:

To complete this homework, you will be required to download Cisco Packet Tracer. That further requires you to create an account on Cisco Network Academy.
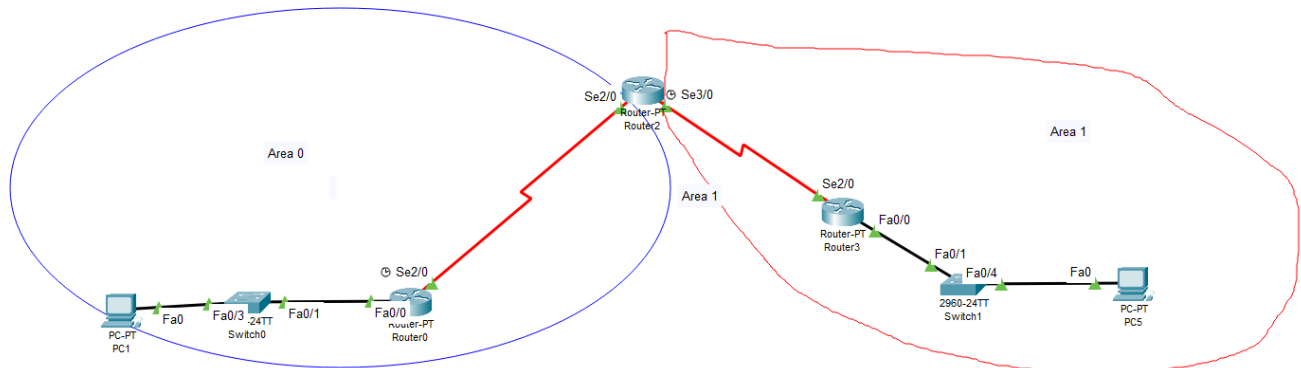
You must upload your packet tracer file on Canvas by the deadline in addition to demonstrating over Teams. No excuses, whatsoever, will be entertained.

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For the following network, implement **i) Static Routing, ii) RIP Routing and iii) OSPF Routing** on Cisco Packet Tracer application.   **(20 + 30 + 50 = 100 Points)**

For OSPF routing, the area # is indicated in the network topology.

Use IP addresses from any class (A, B or C) for IP assignments throughout the network.

Connectivity from one PC to any other PC in the network must be ensured to indicate the routing was successful.