SURYA Gold
Date Page

Lab5

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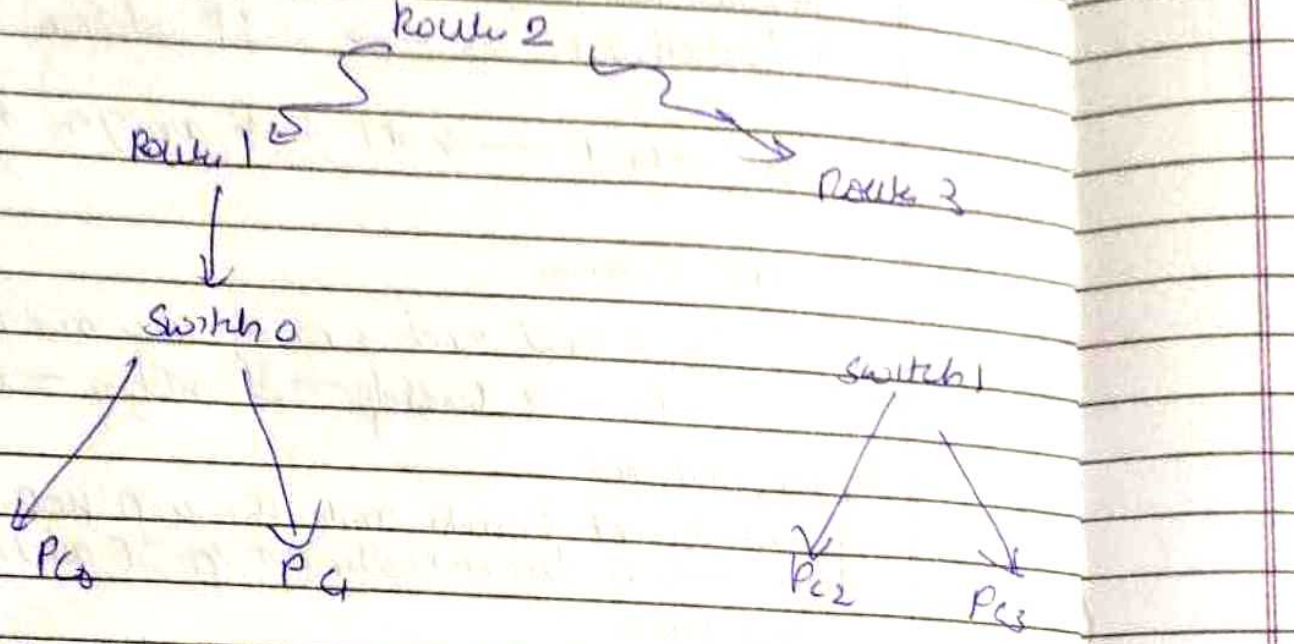
a) Configure default route with the Router route

Ans) Topology



* Set the gateway and IP address of each of the end devices and router.
* Configure the router using router cli by the default routing that is

→ Router (config) # ip route 0.0.0.0 0.0.0.0 20.0.0.2
→ Router (config) # ip route 0.0.0.0 0.0.0.0 30.0.0.1
→ to configure default route for router 1
to configure default route for router 3

→ Router (config) # ip route 10.0.0.0 255.0.0.0 20.0.0.1
Router (config) # ip route 40.0.0.0 255.0.0.0 30.0.0.0

Now the routes are configured with all the devices

Ping PC2 from PC0 using command prompt

> Ping 40.0.0.10

This shows the packets of data sent and received via router