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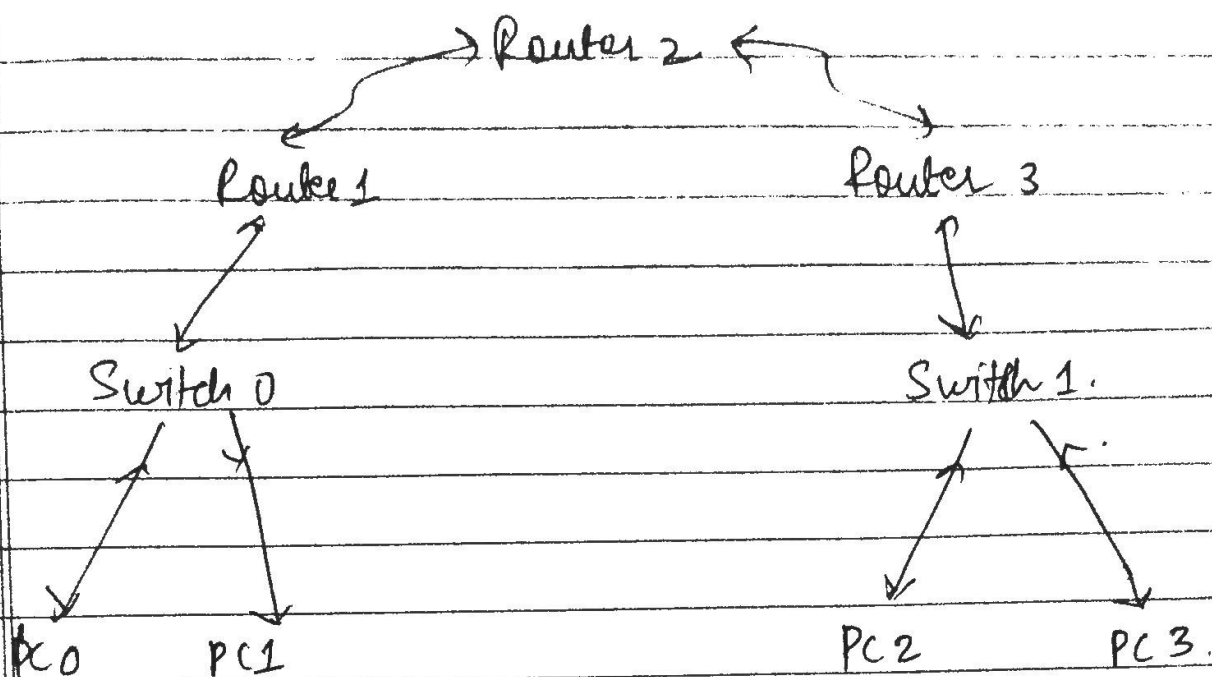
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Lab 4

4. Configuring default route to the router

Step 1. Create topology.



2. Set the gateway and IP addresses to each end devices and routers

3. Configure the router using 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 30.0.0.1

Above commands to configure Router 2 statically.

4. Once, the routers are configured with all devices. Ping PC2 from PC0 using command prompt.

```
>ping 40.0.0.10
```

This shows the packets of data sent and received via router.

5. This makes the complete network ready.