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**V-A Section**

**1BM18CS046**

**Computer Networks Lab**

**Week 3**

**Configuring Static Routes in a Multiple Router Topology**

**Observations/Learnings**

1. Creating a multiple router topology by connecting routers through serial *ports* and PC-router through *fast* Ethernet*.*
2. Assigning IP addresses(gateway) to routers using the same method as in lab 2 and PCs
3. Pinging PC1 from PC0 at this state gives destination host unreachable
4. Viewing the routers IP routes using “show ip route”
5. Adding static routes to the routers using “ip route <destination network> <subnet mask> <next hop>” in privileged (enable) configure (configure terminal) mode.
6. Pinging PC1 from PC0 and PC0 from PC1 now works as expected.