

## Lab - 3

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→ Config. multiple Router and send ping message  
~~Procedure~~ Procedure :

- (i) Three routers are placed on the same level and connected using Serial DCE Cable
- (ii) one generic Computer is placed alongside Router 0 and other is placed alongside Router 2 the connection b/w Router and Computer is establishing using copper cross-over cables
- (iii) IP address and default gateway address is configured separately for each computer
- (iv) Each router's terminal is accessed and interface for each connection is established with specified gateway address.

### Observation :

- (i) pinging PC1 from PC0 initially gives destination host unreachable because there is no direct connection from source (PC0) to destination (PC1)
- (ii) Router ip route can be seen using show ip route for each router.
- (iii) In order to send ping message via Router 0, Router 1 to PC1, we need to add static routes to routers