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Experiment - 3 :- creating a topology
using three routers & PC

The Steps to create the topology :-

- 1) First we create a topology using three routers & PC's, now the PC & PC, are configure by setting the default gateway & IP address.
- 2) Now the routers are configured to make proper connection. The router 0 is connected to PC & router 1 by giving the specified commands. First we enable then configure terminal after this interface command is given with respect to PC & router 1. Now the IP address is set & no shutdown command is given.
- 3) The router 1 is configured to connect the router 0 & router 2. The commands are enable, configure terminal, interface of the respective routers, IP address of the respective routers & No shutdown.

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- 4) The router 2 is also configured like router 0 & router 1. The commands are enable, configure terminal, interface of the router 1 & PC1, IP address of the router 1 & PC1 next is no shut down.
- 5) The routers which are not connected directly that are connected with respectively by the command IP route.
- 6) Now we Ping from Source to destination to check the accuracy of the connection, if it is successful then we Simulate.