Week-21 Workshop guide

To provide IP address to interfaces, If gig0/0 is in left side and gig0/1 is in right side use,

Router(config)#interface gig0/0

Router(config-if)# ip address 192.168.1.1 255.255.255.0

Router(config-if)#no shutdown  
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Router(config)#interface gig0/1

Router(config-if)# ip address 192.168.2.11 255.255.255.0

Router(config-if)#no shutdown

Note: If gig0/0 is in right side and gig0/1 is in left side change the IP address configuration in above commands accordingly.

To make DHCP server in Router use: For left router

Router(config)# ip dhcp excluded-address 192.168.1.1 192.168.1.10

Router(config)#ip dhcp pool left

Router(dhcp-config)# default-router 192.168.1.1

Router(dhcp-config)# network 192.168.1.0 255.255.255.0

Router(dhcp-config)# dns-server 8.8.8.8

To make DHCP server in Router use: For right router

Router(config)# ip dhcp excluded-address 192.168.2.1 192.168.2.20

Router(config)#ip dhcp pool right

Router(dhcp-config)# default-router 192.168.2.11

Router(dhcp-config)# network 192.168.2.0 255.255.255.0

Router(dhcp-config)# dns-server 8.8.8.8

For telnet:

First make a username and password

Router(config)# username root password root

Note: For telnet to work we need enable password also so to create enable password

Router(config)#enable password cisco

To enable telnet:

Router(config)# line vty 0 5

Router(config-line)# login local

To test :

Use command prompt and use

telnet <ip address>