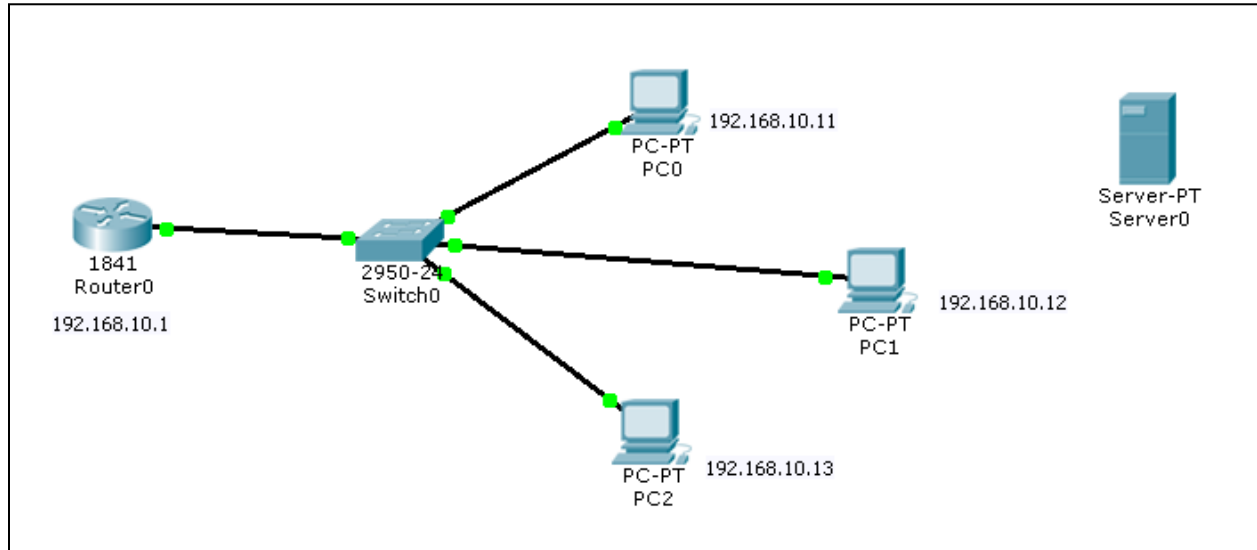


PRACTICAL NO: 4

Aim:-Configure DHCP server and client for DHCP service.

TOPOLOGY:**Router Configuration:-****1) Assigning IP address:-**

```
Router2
Physical Config CLI
IOS Command Line Interface

RELEASE SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
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Compiled Wed 18-Jul-07 04:52 by pt_team

--- System Configuration Dialog ---

Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface fastEthernet 0/0
Router(config-if)#ip address 192.168.10.1 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
exit
Router(config)#
```

2) Defining Range of IP addresses:

```
Router(config)#  
Router(config)#ip dhcp pool mypool  
Router(dhcp-config)#network 192.168.10.0 255.255.255.0  
Router(dhcp-config)#default-router 192.168.10.1  
Router(dhcp-config)#exit  
Router(config)#ip dhcp excluded-address 192.168.10.0 192.168.10.10  
Router(config)#
```

Conclusion: - We learnt to configure DHCP server and client for DHCP service as shown above.