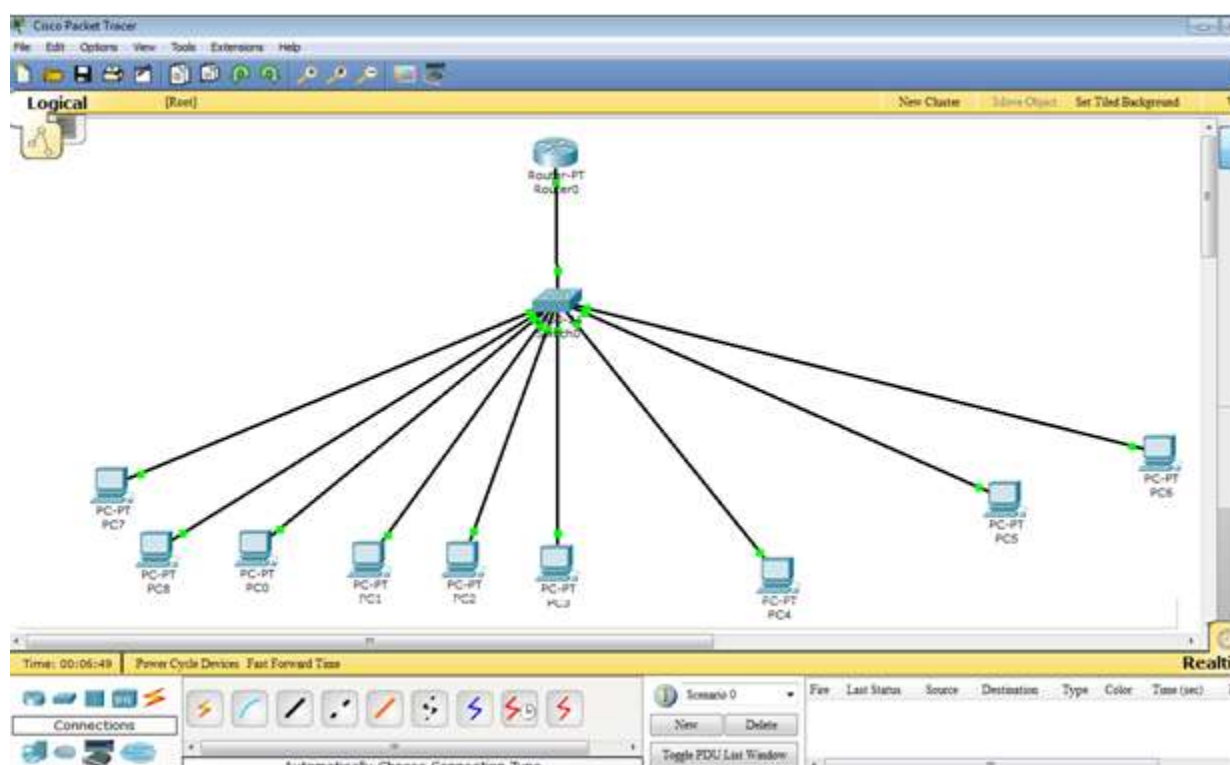


Practical 05 Configure DHCP in Packet Tracer.

Step 1: Take one server and 9 end devices such as PC or laptop & one router. and set proper connections among them.



Step 2: apply DHCP on the router. The commands in sequence are as follows.

```
Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#ip dhcp
Router(config)#ip dhcp pool cisco
Router(dhcp-config)#network 192.168.1.0 255.255.255.0
Router(dhcp-config)#default-router 192.168.1.1
Router(dhcp-config)#exit
Router(config)#ip dhcp ex
Router(config)#ip dhcp excluded-address 192.168.1.4 192.168.1.7
Router(config)#exit
```

Step 3: Configure all pc as follows.(Select from Static to DHCP)



Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	PC2	ICMP	
	0.001	PC2	Switch0	ICMP	
	0.002	Switch0	PC3	ICMP	
	0.003	PC3	Switch0	ICMP	
	0.004	Switch0	PC2	ICMP	
	0.940	--	Switch0	STP	

Reset Simulation ☒ Constant Delay Captured to: 0.940 s

Play Controls

Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPSec, ISAKMP, LACP, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Event List Simulation

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	Successful	PC2	PC3	ICMP		0.000	N	0	(ed)

Activate Windows
Go to Settings to activate Windows.