Experiment No. 08
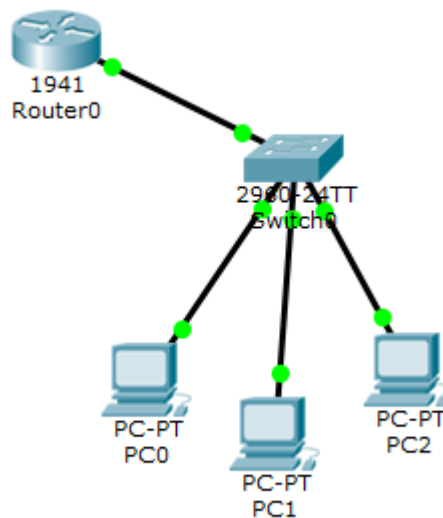**Object:**

To enable DHCP pool for generation of Dynamic Ip's.

Date: March 24, 2018

Configuration Figure:

Coding:

```
       --- System Configuration Dialog ---

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


Press RETURN to get started!



Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.

Router(config)#interface gigabitEthernet 0/0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up
Router(config-if)#ex
Router(config)#ip dhcp pool 1
```

```
Router(dhcp-config)#network 192.168.2.0 255.255.255.0
Router(dhcp-config)#default-router 192.168.2.1
Router(dhcp-config)#ex
Router(config)#
Router(config)#interface gigabitEthernet 0/0
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#ex
Router(config)#
Router(config)#ex
Router#
%SYS-5-CONFIG_I: Configured from console by console
%DHCPD-4-PING_CONFLICT: DHCP address conflict:  server pinged 192.168.2.1.

Router con0 is now available

Press RETURN to get started.

Router>
```

DHCP mode:

IP Configuration

IP Configuration

◉ DHCP   ◯ Static   DHCP request successful.

IP Address   192.168.2.3

Subnet Mask   255.255.255.0

Default Gateway   192.168.2.1

DNS Server

IP Configuration

IP Configuration

◉ DHCP   ◯ Static   DHCP request successful.

IP Address   192.168.2.4

Subnet Mask   255.255.255.0

Default Gateway   192.168.2.1

DNS Server