

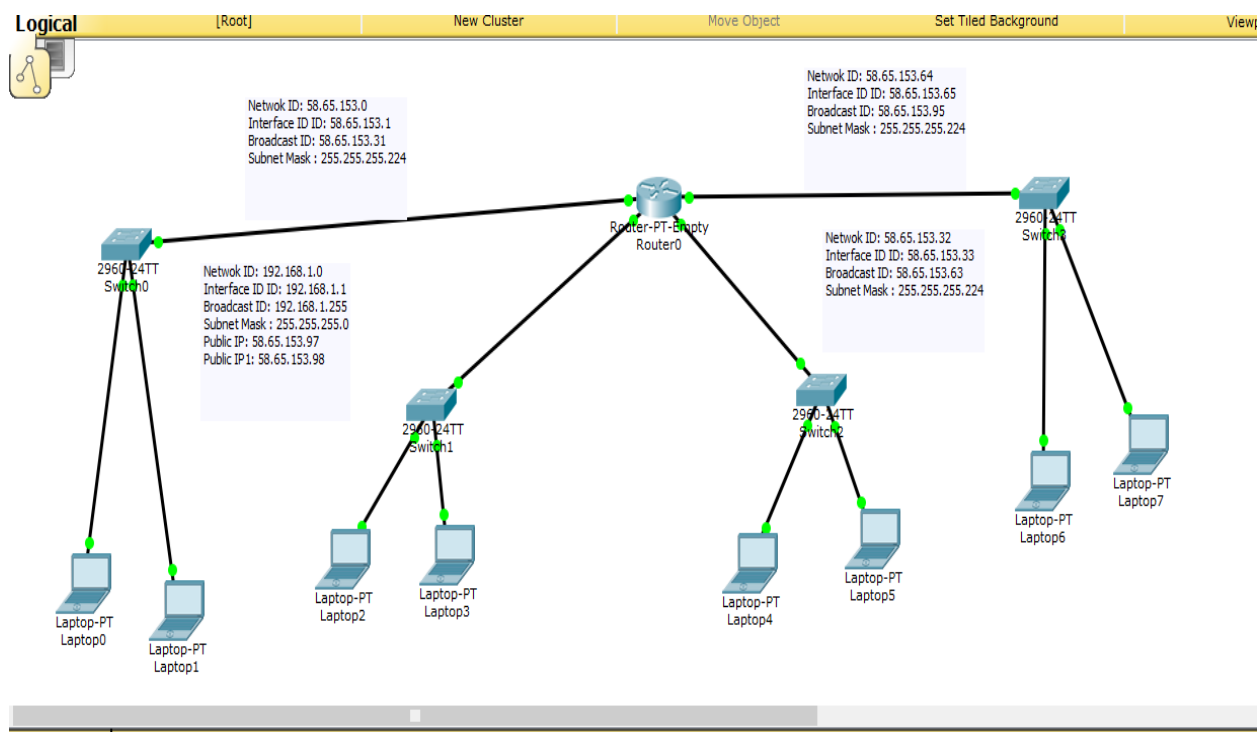


NAME :: IBRAR BABAR

ROLL NO. :: 19P-0104

CN LAB WORK :: 13

SECTION (B)



```
Router>en
Router#conf ter
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R1
R1(config)#int f1/0
R1(config-if)#ex
R1(config)#in f0/0
R1(config-if)#ip add 58.65.153.1 255.255.255.224
R1(config-if)#no shut

R1(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

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

R1(config-if)#ex
R1(config)#ip dhcp pool net1
R1(dhcp-config)#network 58.65.153.0 255.225.225.224
58.65.129.0 / 255.225.225.224 is an invalid network.
R1(dhcp-config)#network 58.65.153.0 255.225.225.224
58.65.129.0 / 255.225.225.224 is an invalid network.
R1(dhcp-config)#ex
R1(config)#
R1(config)#
R1(config)#ip dhcp pool net1
R1(dhcp-config)#network 58.65.153.0 255.225.225.224
58.65.129.0 / 255.225.225.224 is an invalid network.
R1(dhcp-config)#network 58.65.153.0 255.255.255.224
R1(dhcp-config)#default-router 58.65.153.1
R1(dhcp-config)#dns-server 58.65.153.1
R1(dhcp-config)#ex
R1(config)#
R1(config)#
R1(config)#
R1(config)#
R1(config)#
R1(config)#int f2/0
R1(config-if)#ip add 58.65.153.33 255.255.255.224
R1(config-if)#no shut
```

```
R1(config-if)#
%LINK-5-CHANGED: Interface FastEthernet2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up
ex
R1(config)#ip dhcp pool net3
R1(dhcp-config)#network 58.65.153.32
% Incomplete command.
R1(dhcp-config)#network 58.65.153.32 255.255.255.224
R1(dhcp-config)#default-router 58.65.153.33
R1(dhcp-config)#default-server 58.65.153.33
^
% Invalid input detected at '^' marker.

R1(dhcp-config)#dns-server 58.65.153.33
R1(dhcp-config)#ex
R1(config)#
R1(config)#
R1(config)#
R1(config)#
R1(config)#
R1(config)#
R1(config)#
R1(config)#int f3/0
R1(config-if)#ip add 58.65.153.65 255.255.255.224
R1(config-if)#no shut

R1(config-if)#
%LINK-5-CHANGED: Interface FastEthernet3/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/0, changed state to up

R1(config-if)#ex
R1(config)#ip dhcp pool net4
R1(dhcp-config)#network 58.65.153.64 255.255.255.224
R1(dhcp-config)#default-router 58.65.153.65
R1(dhcp-config)#dns-server 58.65.153.65
R1(dhcp-config)#ex
R1(config)#
R1(config)#int f1/0
R1(config-if)#ip add 192.168.1.1 255.255.255.0
R1(config-if)#no shut
```

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/0, changed state to up
```

```
R1(config-if)#ex
R1(config)#ip dhcp pool net4
R1(dhcp-config)#network 58.65.153.64 255.255.255.224
R1(dhcp-config)#default-router 58.65.153.65
R1(dhcp-config)#dns-server 58.65.153.65
R1(dhcp-config)#ex
R1(config)#
R1(config)#int f1/0
R1(config-if)#ip add 192.168.1.1 255.255.255.0
R1(config-if)#no shut
```

```
R1(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up
```

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
```

```
R1(config-if)#ex
R1(config)#ip dhcp pool net2
R1(dhcp-config)#network 192.168.1.0 255.255.255.0
R1(dhcp-config)#default-router 192.168.1.1
R1(dhcp-config)#dns-server 192.168.1.1
R1(dhcp-config)#ex
R1(config)#
R1(config)#access-list 1 permit 192.168.1.0 0.0.0.255
R1(config)#ip nat pool ccna 58.65.153.97 58.65.153.98 netmask 255.255.255.224
R1(config)#ip nat inside source list 1 pool ccna overload
R1(config)#int f1/0
R1(config-if)#ip nat inside
R1(config-if)#e
R1(config)#int f0/0
R1(config-if)#ip nat outside
R1(config-if)#ex
R1(config)#int f2/0
R1(config-if)#ip nat outside
R1(config-if)#e
R1(config)#int f3/0
R1(config-if)#ip nat outside
R1(config-if)#ex
R1(config)#%DHCPD-4-PING_CONFLICT: DHCP address conflict: server pinged 58.65.153.1.
```

[SUCCESSFUL]

