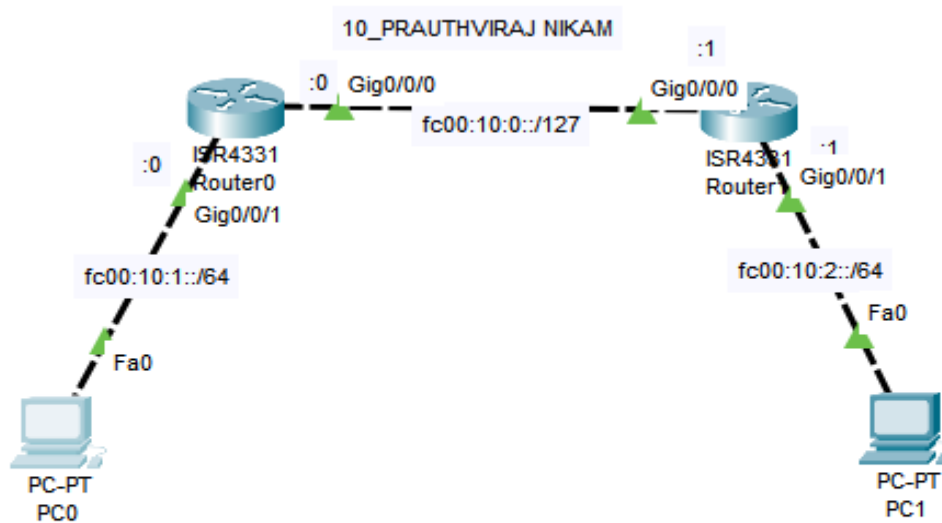


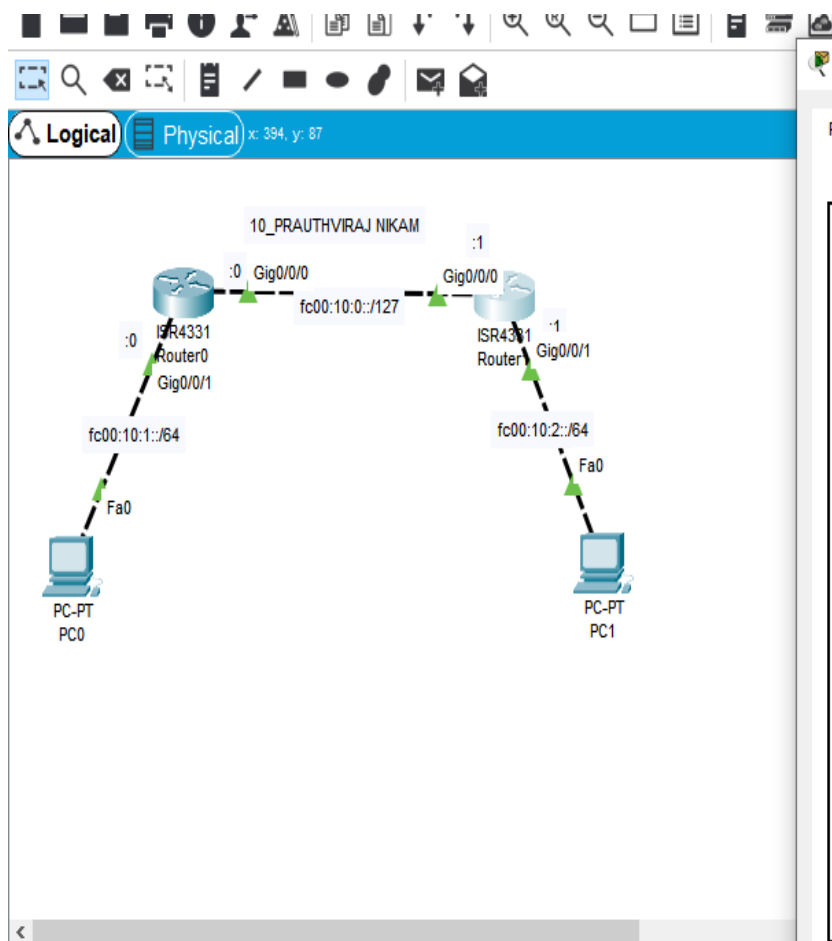
Module:- Fundamental Computer Network Date:- 14/10/2022

Assignment :- 05 (ACL-Access Control List)

IP Schema for Your Network: xxx. Roll_Number .yyy.zzz

Example: If your roll No. ends with 25, then the IP you can use as follows.





Router1

Physical Config CLI Attributes

IOS Command Line Interface

Press RETURN to get started!

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int g0/0/1
Router(config-if)#ipv6 address fc00:10:2::/64
Router(config-if)#no shu

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/1, changed state to up

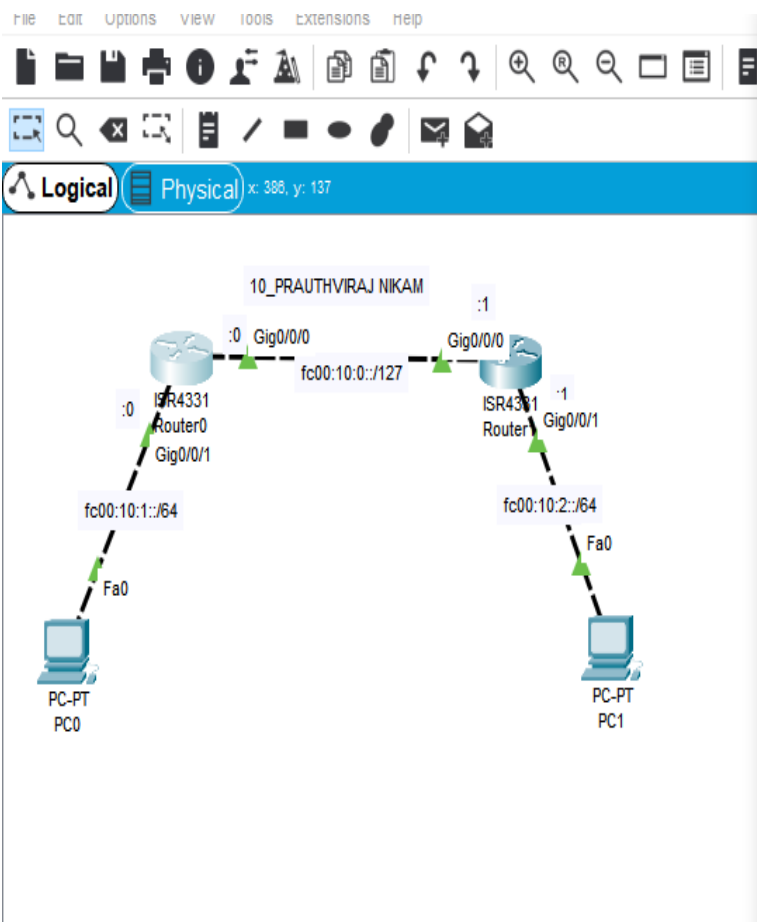
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/1,
changed state to up

Router(config-if)#int g0/0/0
Router(config-if)#ipv6 address fc00:10:0::1/127
Router(config-if)#no shu

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0,
changed state to up

Router(config-if)#exit
Router(config)#ipv6 route fc00:10:1::/64 fc00:10:0::0
Router(config)#ipv6 unicast-routing
Router(config)#
```



Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int g0/0/1
Router(config-if)#ipv6 address fc00:10:1::/64
Router(config-if)#no shu

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/1,
changed state to up

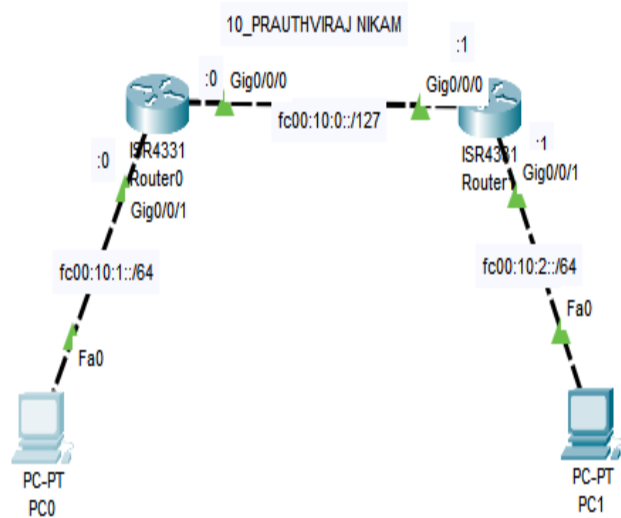
Router(config-if)#int g0/0/0
Router(config-if)#ipv6 address fc00:10:0::/127
Router(config-if)#no shu

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0/0,
changed state to up

Router(config-if)#exit
Router(config)#ipv6 route fc00:10:2::/64 fc00:10:0::1
Router(config)#ipv6 unicast-routing
Router(config)#
```



Logical Physical x: 555, y: 380



PC0

Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0

C:\>ping fc00:10:1::

Pinging fc00:10:1:: with 32 bytes of data:

Reply from FC00:10:1::: bytes=32 time<1ms TTL=255

Reply from FC00:10:1::: bytes=32 time<1ms TTL=255

Reply from FC00:10:1::: bytes=32 time<1ms TTL=255

Reply from FC00:10:1::: bytes=32 time<1ms TTL=255

Ping statistics for FC00:10:1:::

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

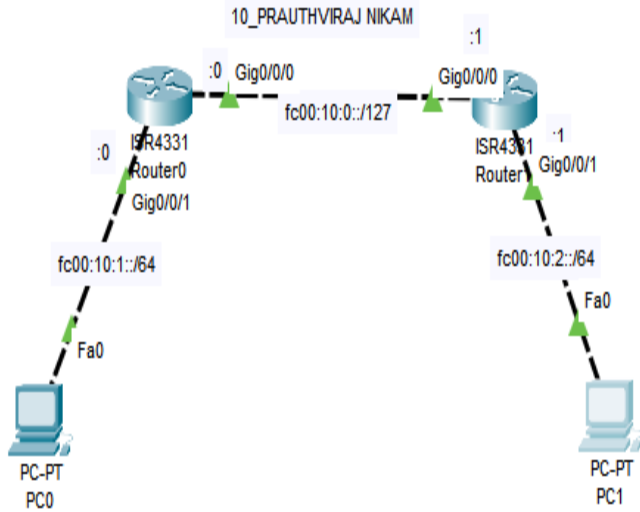
Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>



Logical Physical x: 522, y: 271



PC1

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping fc00:10:1::

Pinging fc00:10:1:: with 32 bytes of data:

Reply from FC00:10:1::: bytes=32 time=1ms TTL=254
Reply from FC00:10:1::: bytes=32 time<1ms TTL=254
Reply from FC00:10:1::: bytes=32 time<1ms TTL=254
Reply from FC00:10:1::: bytes=32 time=1ms TTL=254

Ping statistics for FC00:10:1:::
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```