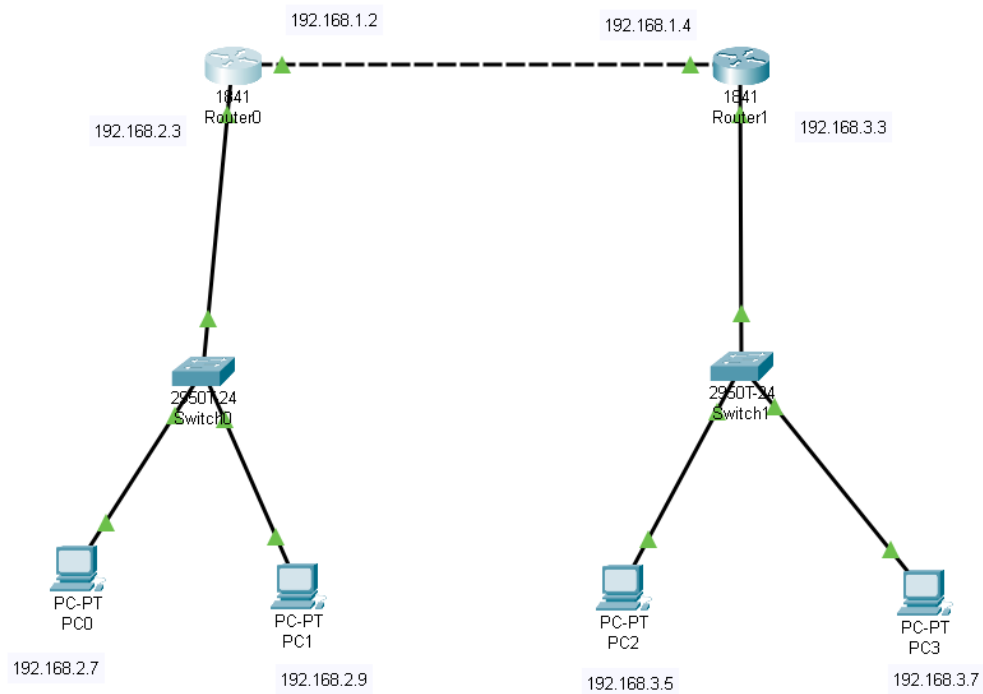


DYNAMIC ROUTING PROTOCOL USING (RIP)



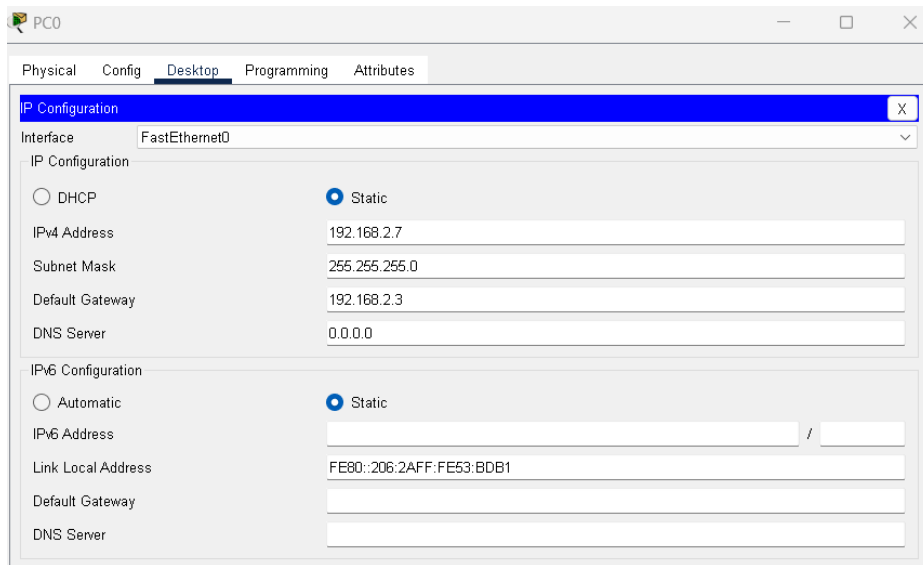
x: 342, y: 73



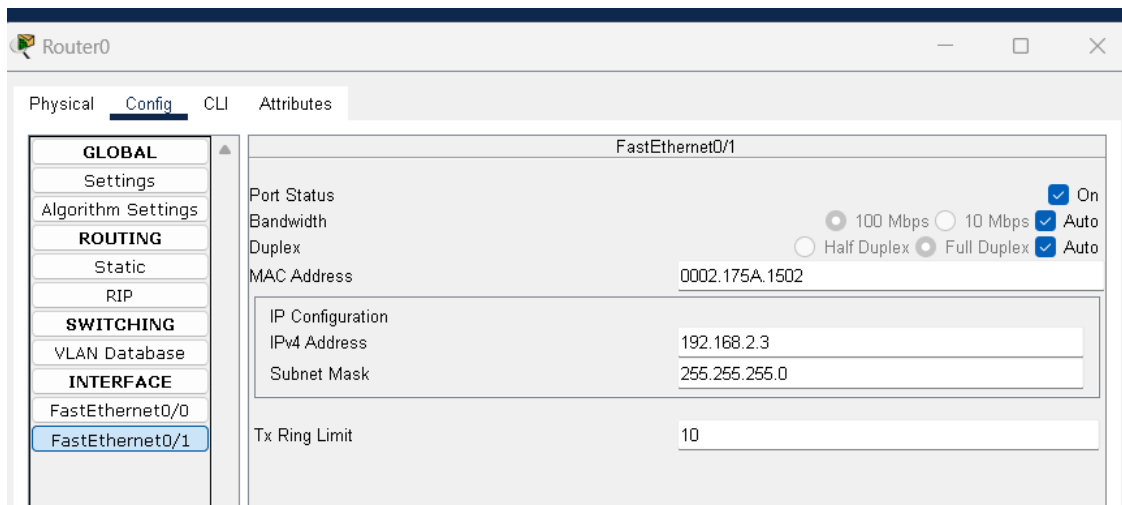
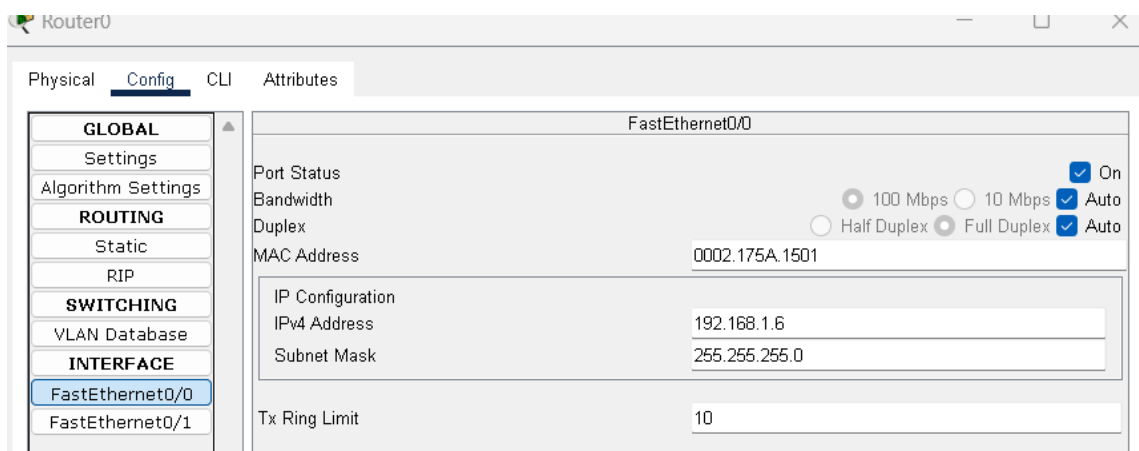
Network simulation interface showing a toolbar with various device icons and a table of network events.

| Fire | Last Status | Source | De |
|------|-------------|--------|----|
| | Successful | PC0 | |
| | Successful | PC2 | |
| | Failed | PC0 | |

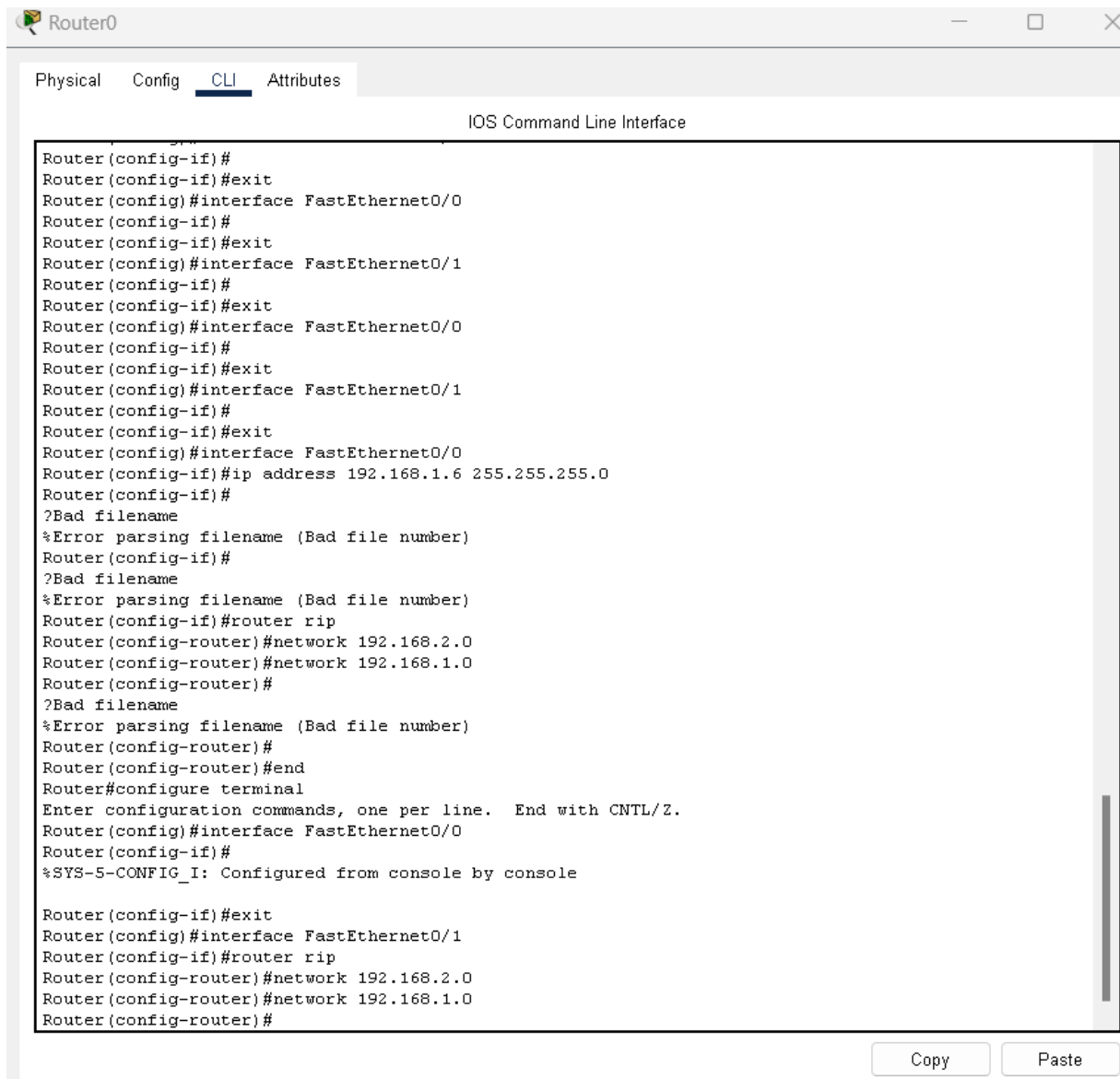
1. Configure IP address and subnet mask and default gateway for all PC's



2.Configure routers with IP adress and subnet mask



3.Configure RIP routing algorithm for routers



The screenshot shows a Packet Tracer window titled "Router0" with tabs for Physical, Config, CLI, and Attributes. The CLI tab is active, displaying the "IOS Command Line Interface". The terminal shows the following sequence of commands and responses:

```
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.1.6 255.255.255.0
Router(config-if)#
?Bad filename
%Error parsing filename (Bad file number)
Router(config-if)#
?Bad filename
%Error parsing filename (Bad file number)
Router(config-if)#router rip
Router(config-router)#network 192.168.2.0
Router(config-router)#network 192.168.1.0
Router(config-router)#
?Bad filename
%Error parsing filename (Bad file number)
Router(config-router)#
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
%SYS-5-CONFIG_I: Configured from console by console

Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#router rip
Router(config-router)#network 192.168.2.0
Router(config-router)#network 192.168.1.0
Router(config-router)#
```

At the bottom right of the window, there are "Copy" and "Paste" buttons.

4. TEST (1)Ping in same network (2)Ping in different network

