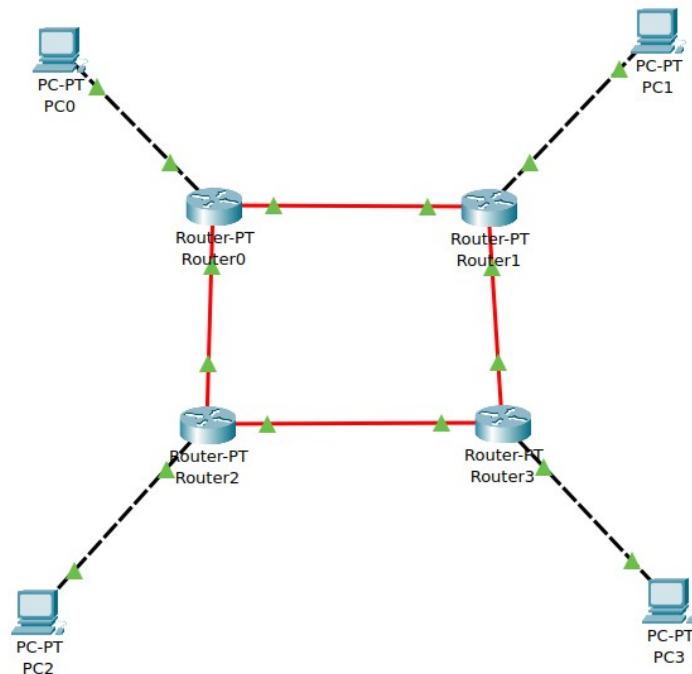
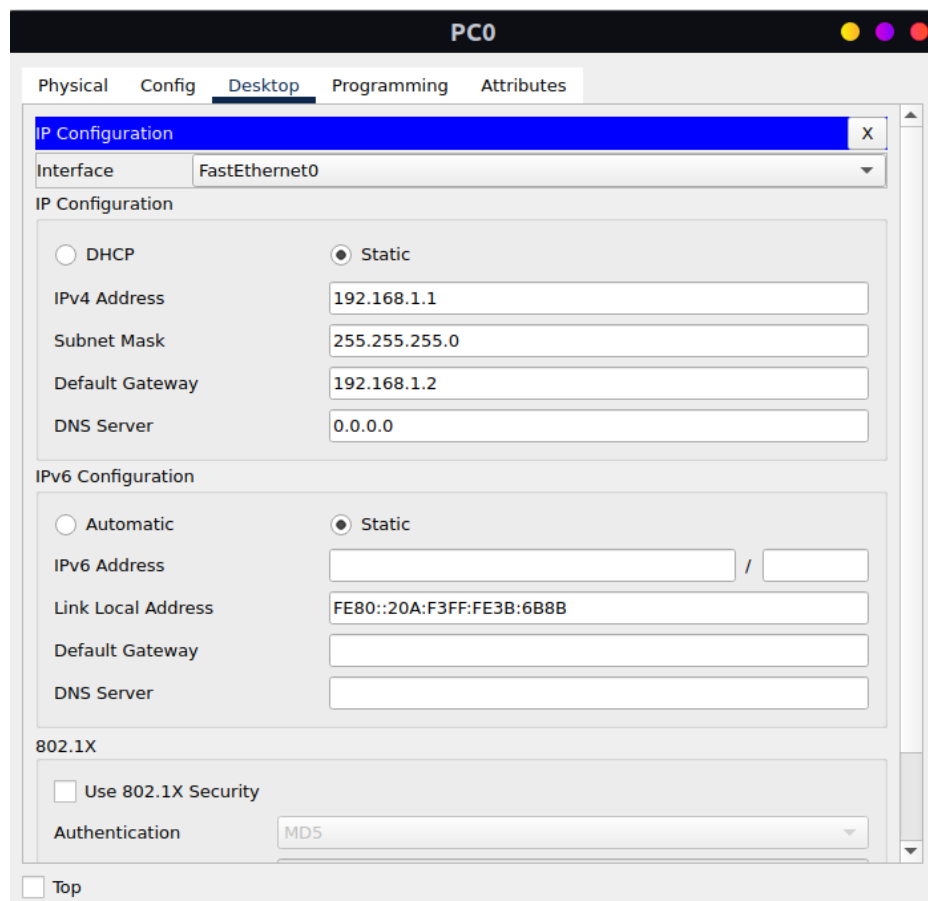


Experiment 11 : Simulate EIGRP protocol in a topology.

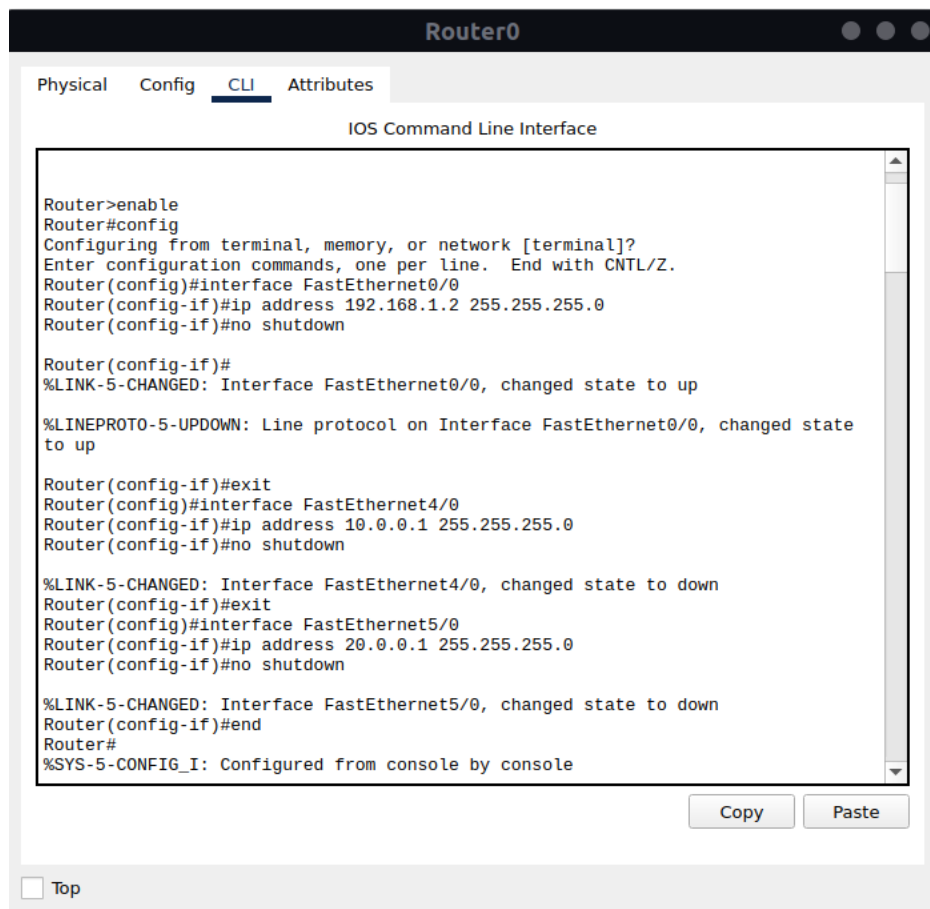
Step 1:



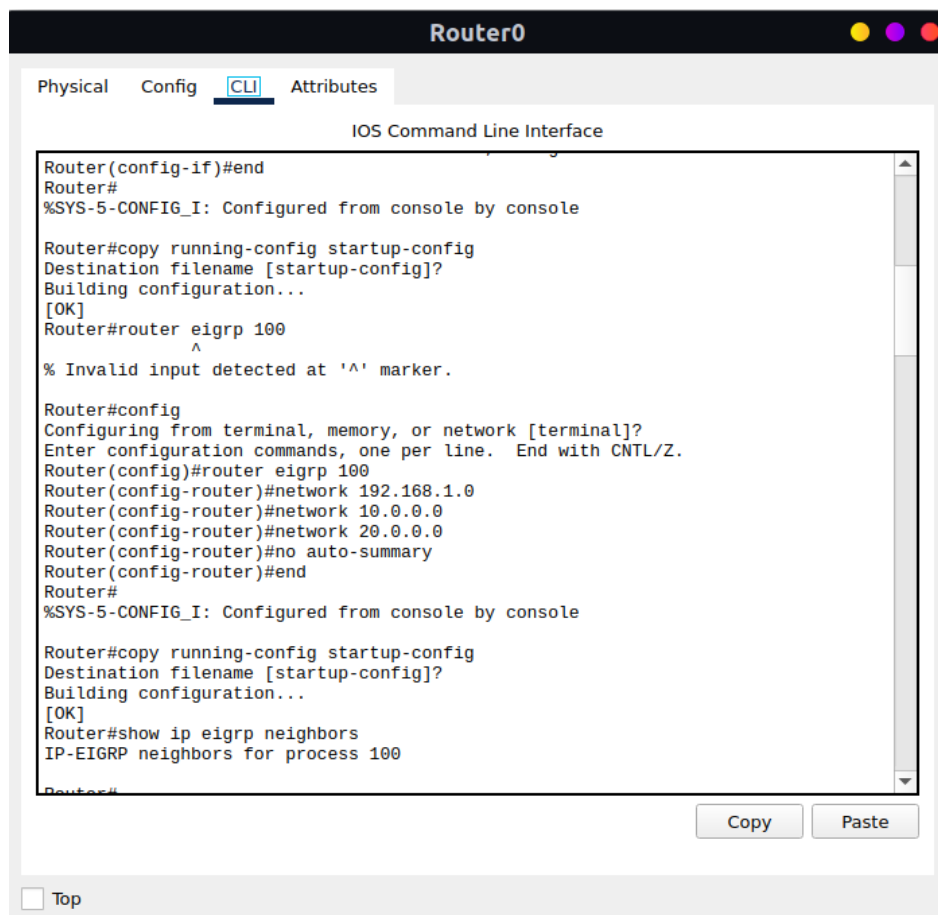
Step 2:



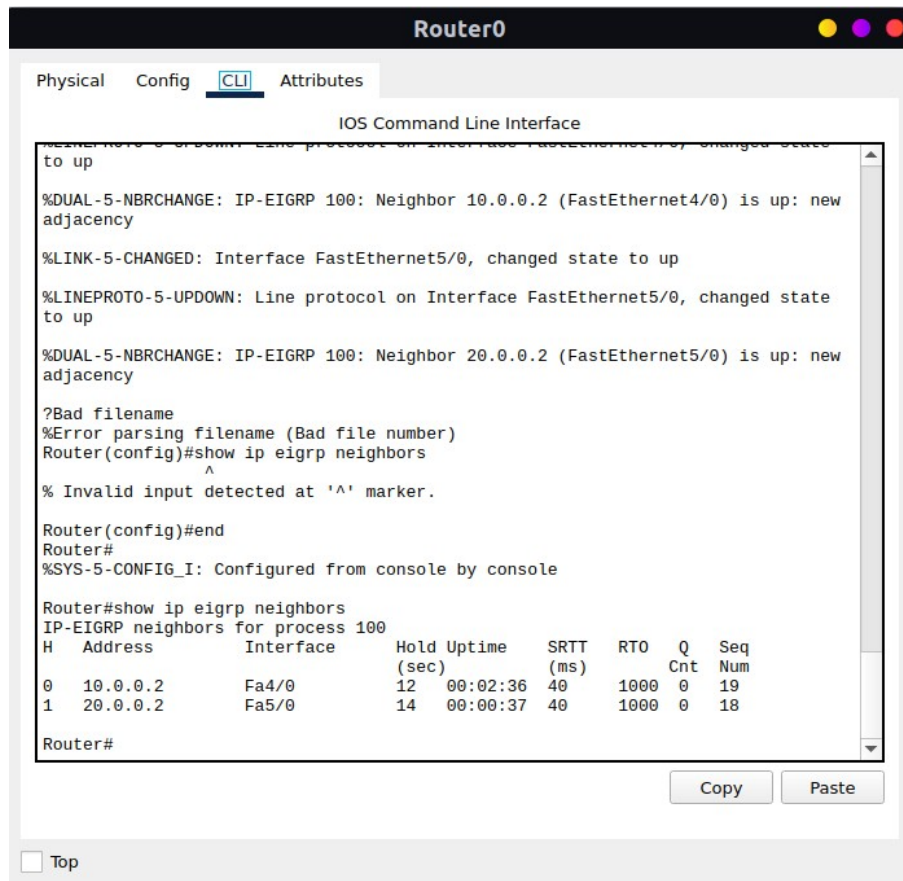
Step 3:



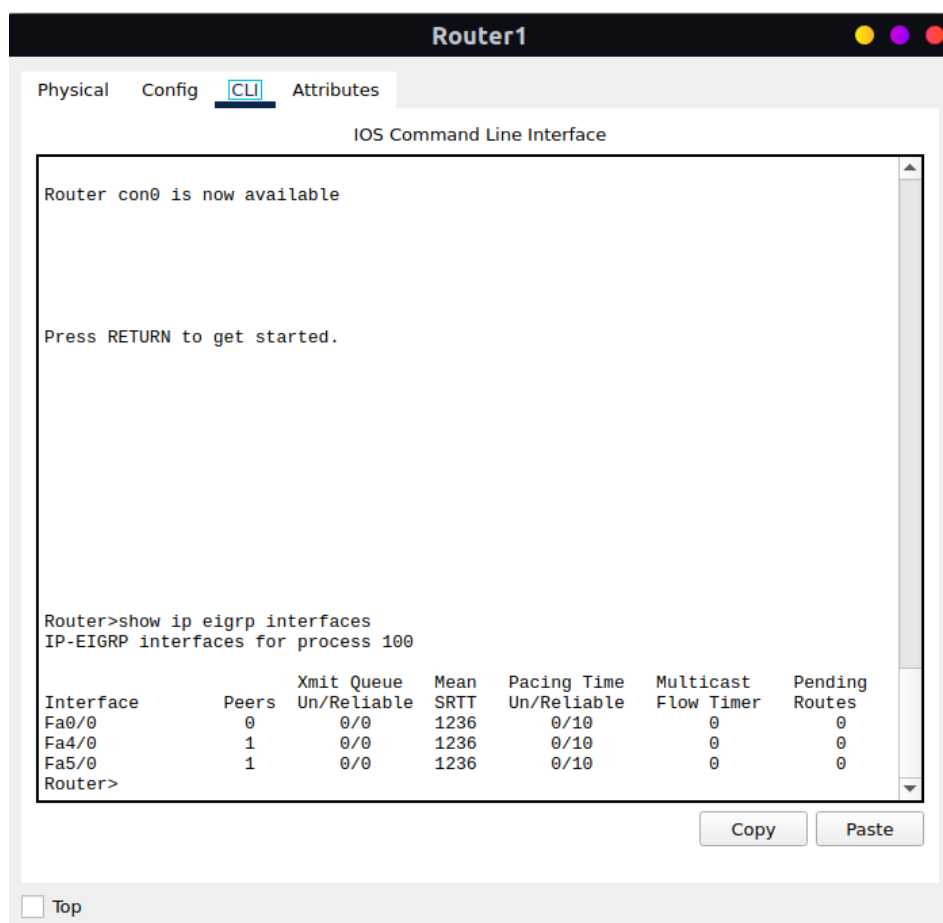
Step 4:



Step 5:



Step 6:



Step 7:

```
Router2

Physical Config CLI Attributes

IOS Command Line Interface

?Bad filename
%Error parsing filename (Bad file number)
Router(config-if)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip eigrp topology
IP-EIGRP Topology Table for AS 100/ID(192.168.3.2)

Codes: P - Passive, A - Active, U - Update, Q - Query, R - Reply,
       r - Reply status

P 10.0.0.0/24, 1 successors, FD is 30720
   via 20.0.0.1 (30720/28160), FastEthernet5/0
P 20.0.0.0/24, 1 successors, FD is 28160
   via Connected, FastEthernet5/0
P 30.0.0.0/24, 1 successors, FD is 30720
   via 40.0.0.2 (30720/28160), FastEthernet4/0
P 40.0.0.0/24, 1 successors, FD is 28160
   via Connected, FastEthernet4/0
P 192.168.1.0/24, 1 successors, FD is 30720
   via 20.0.0.1 (30720/28160), FastEthernet5/0
P 192.168.2.0/24, 2 successors, FD is 33280
   via 40.0.0.2 (33280/30720), FastEthernet4/0
   via 20.0.0.1 (33280/30720), FastEthernet5/0
P 192.168.3.0/24, 1 successors, FD is 28160
   via Connected, FastEthernet0/0
P 192.168.4.0/24, 1 successors, FD is 30720
   via 40.0.0.2 (30720/28160), FastEthernet4/0

Router#
```

Step 8:

