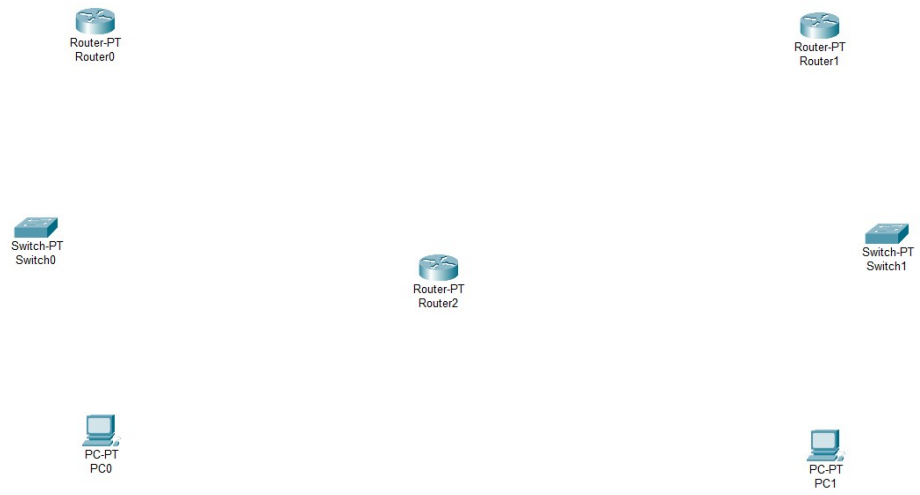
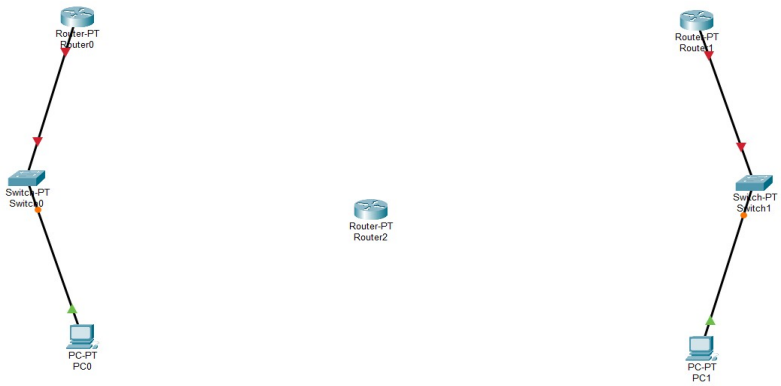
RIP Dynamic Routing

Step 1: Arrange the components as shown in the picture.

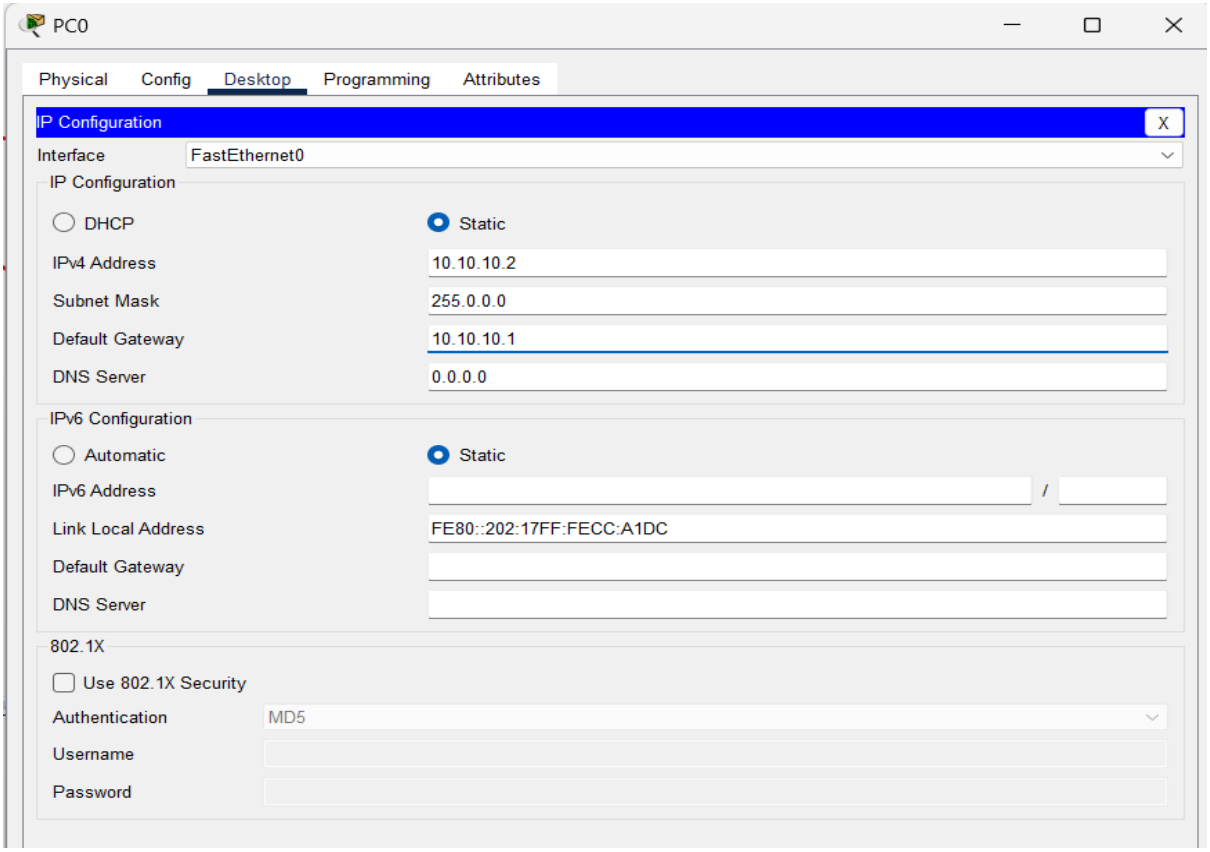


Step 2 : Connect the pc , switch and the router using the “ copper straight through” (black) wire

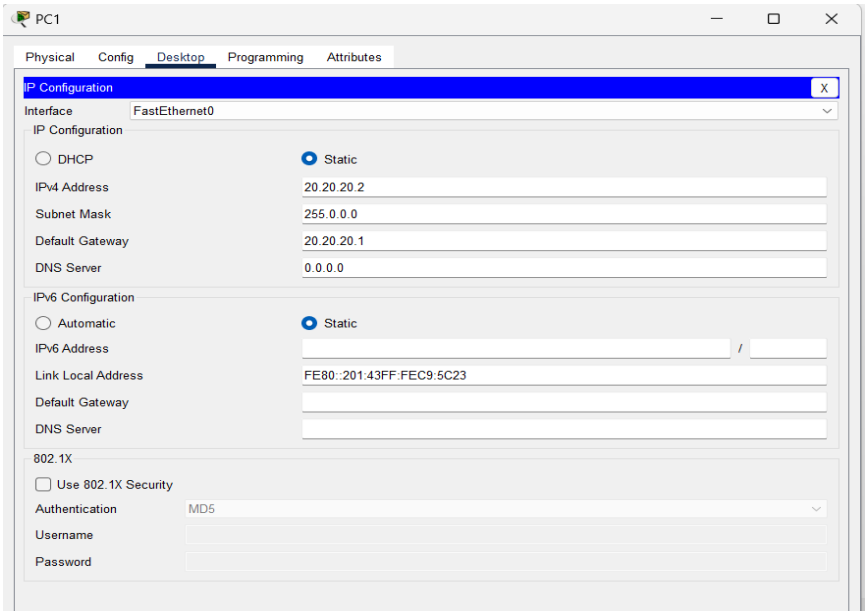


Step 3 : Connect all three routers using the serial DTE (red) via series.

Step 4 : Configure the PC0 as shown in the picture

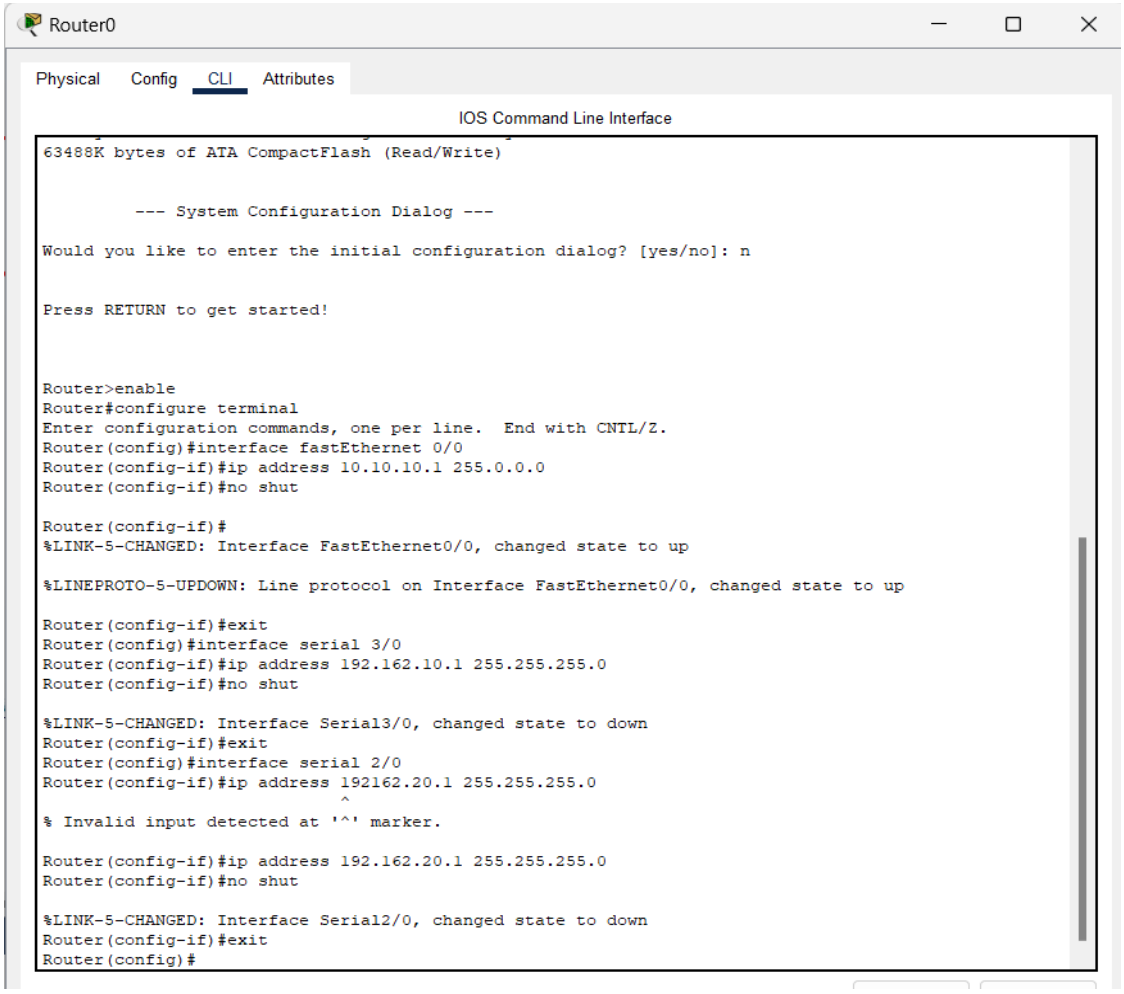


Step 5 : Configure the PC1 as shown in the picture



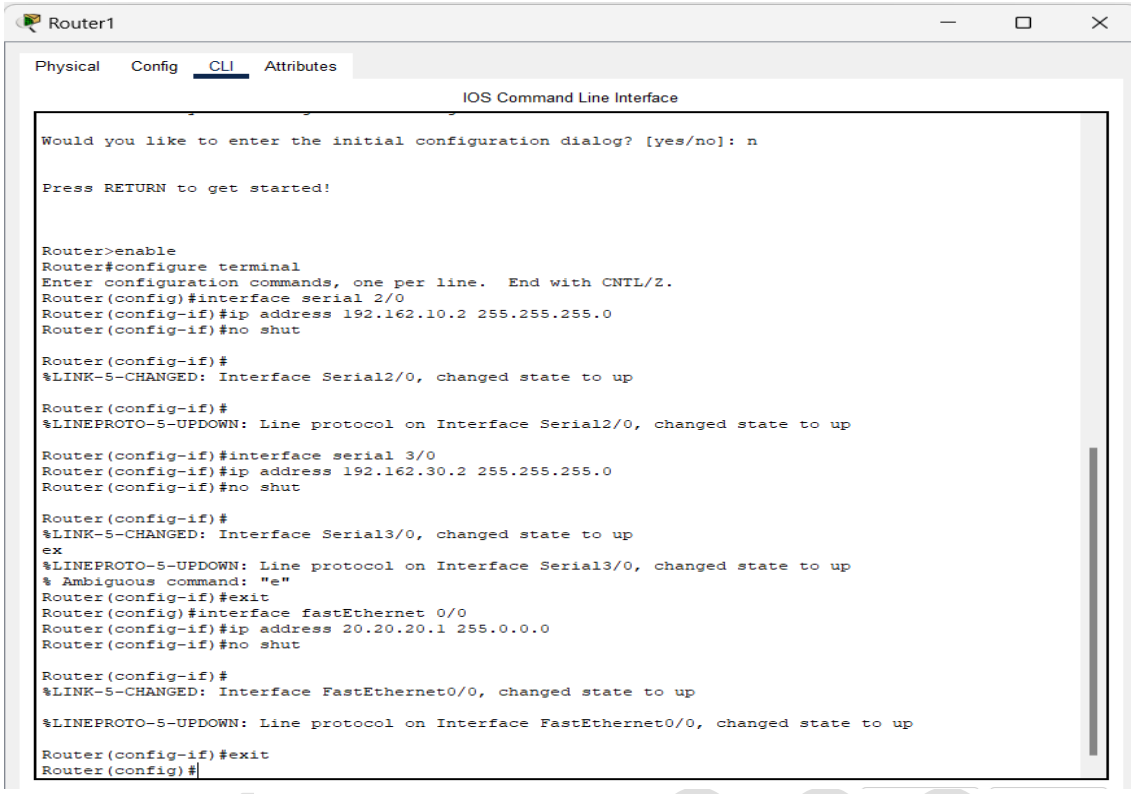
Step 6 :Follow all the steps as shown in the picture

In router 0



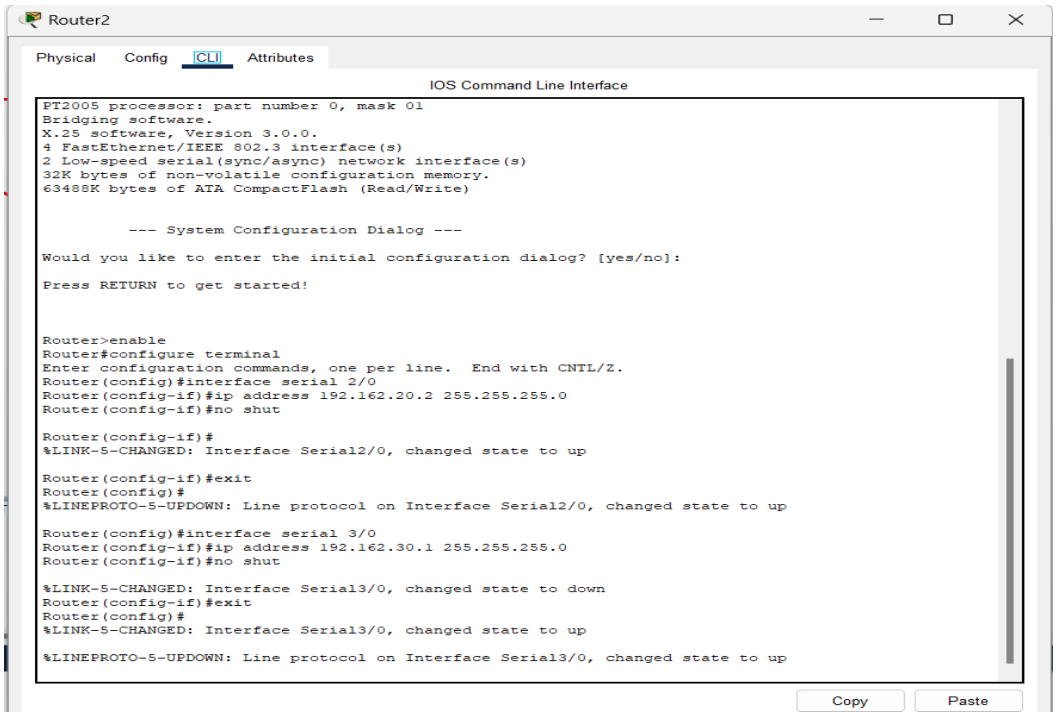
Step 7 :Follow all the steps as shown in the picture

In router 1

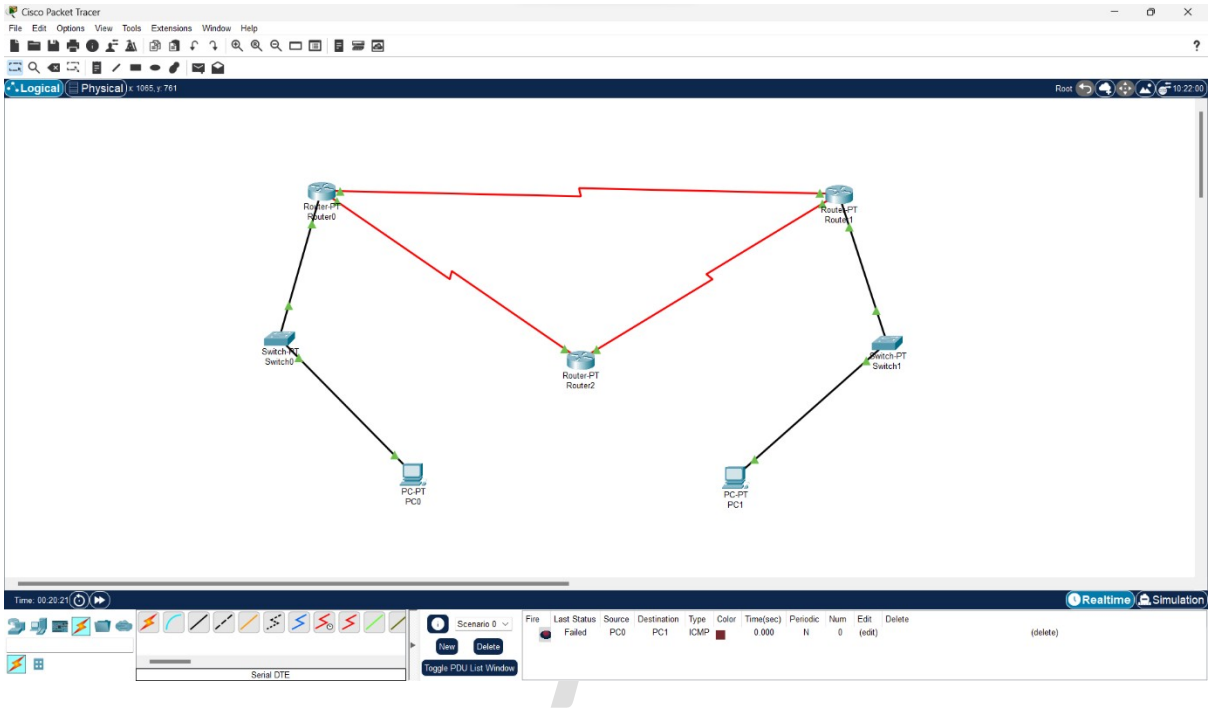


Step 8 :Follow all the steps as shown in the picture

In router 2



Step 9 : After doing all those steps above , it should be like this below , now , click the message icon which is below the undo button and click on PC0. A message box icon appears on top of the PC0 . Now click on PC1 with the same cursor.



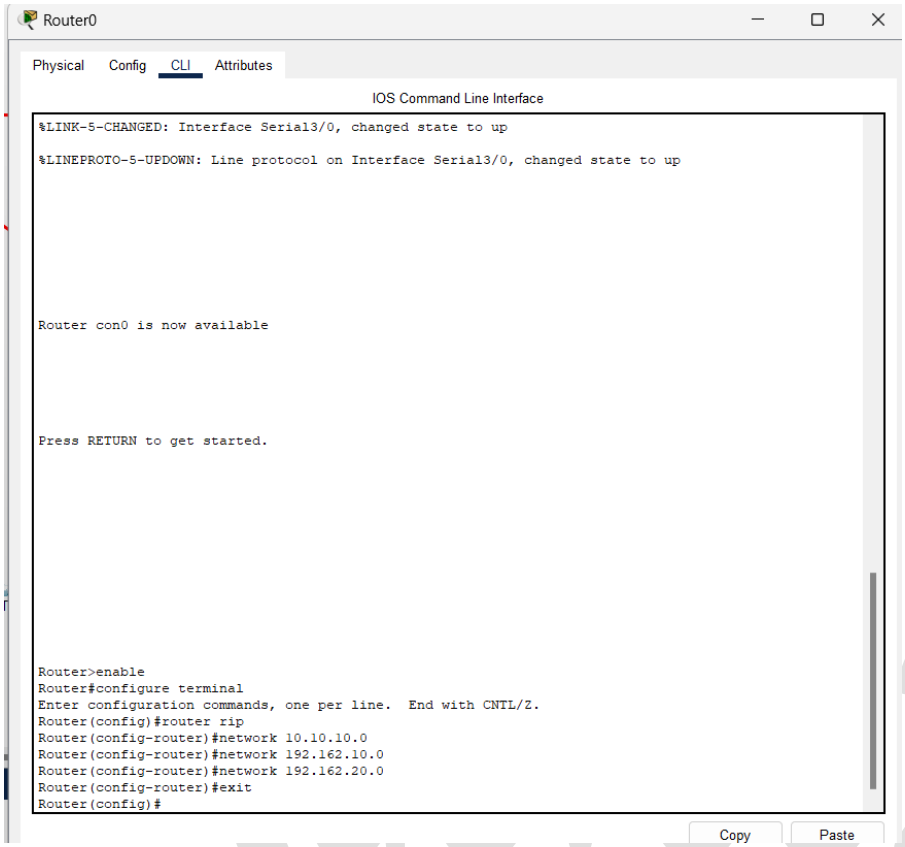
IT SHOULD FAIL

Reason : The router should know each other but at this point , the router doesn’t know each other.

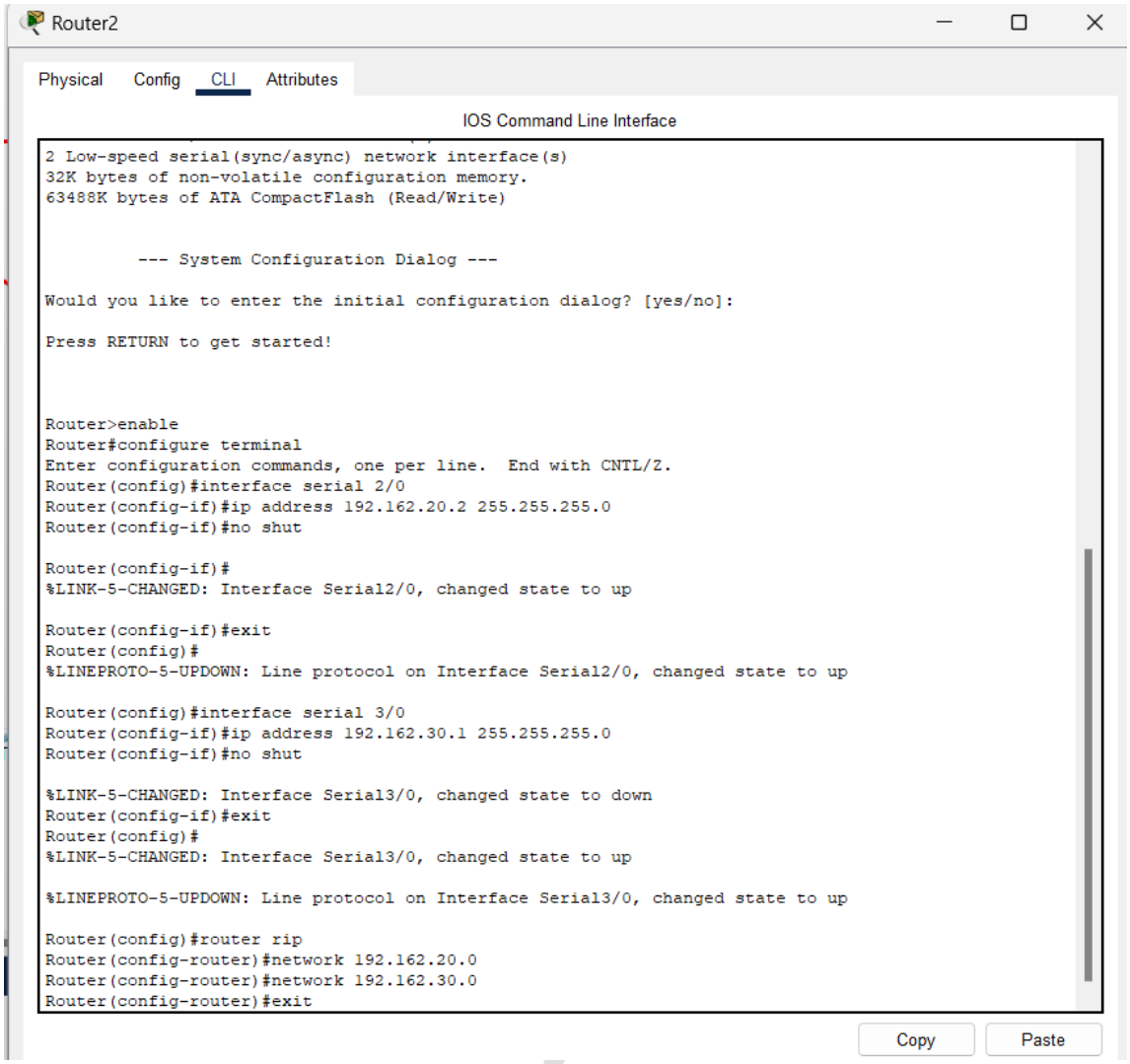
This is when RIP(dynamic routing) comes into action. It introduces the other two routers and their destinations.

[it indicates failed in the bottom right corner of the app]

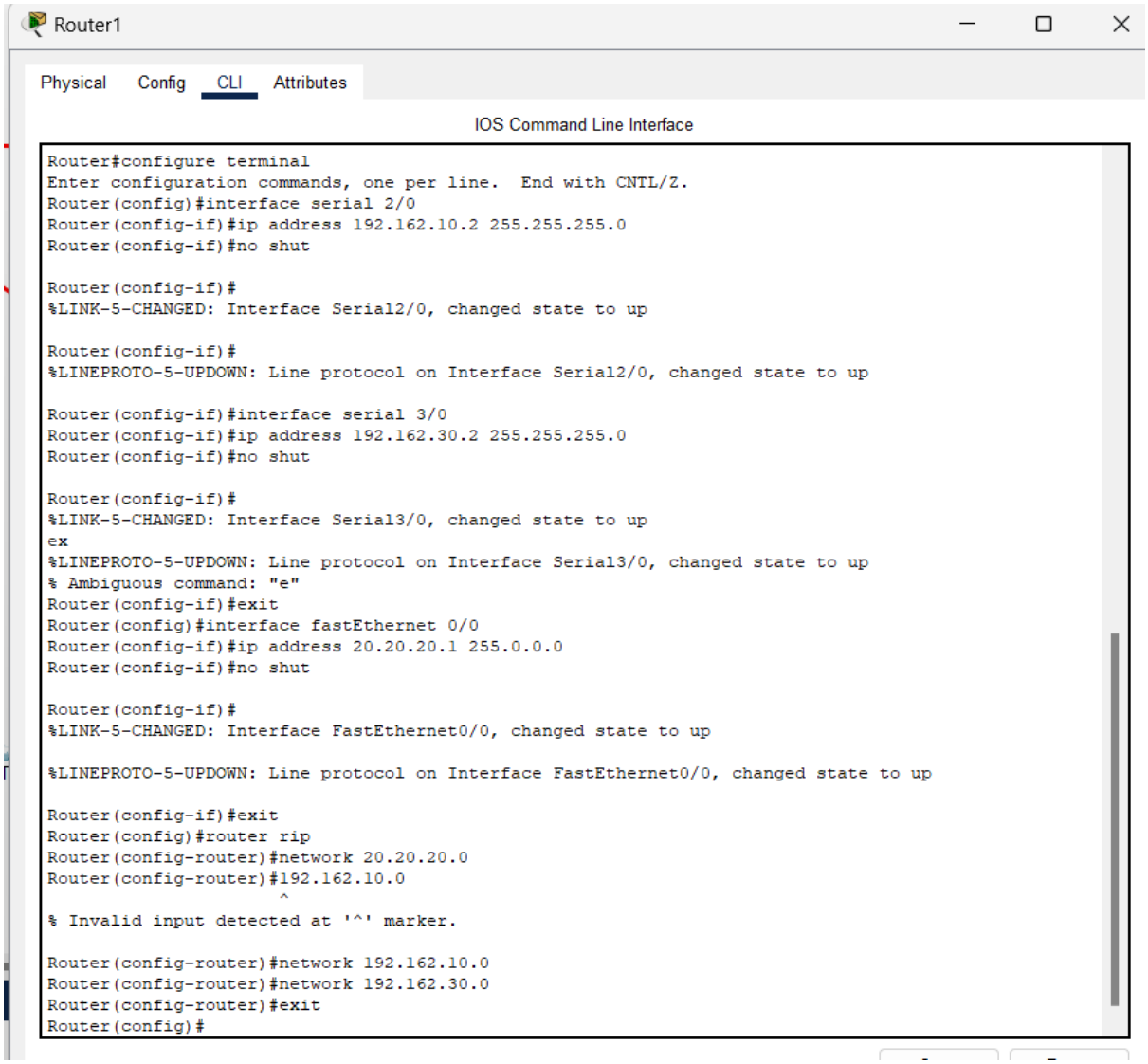
Step 10 : Use router rip for router 0 using the command shown in the picture



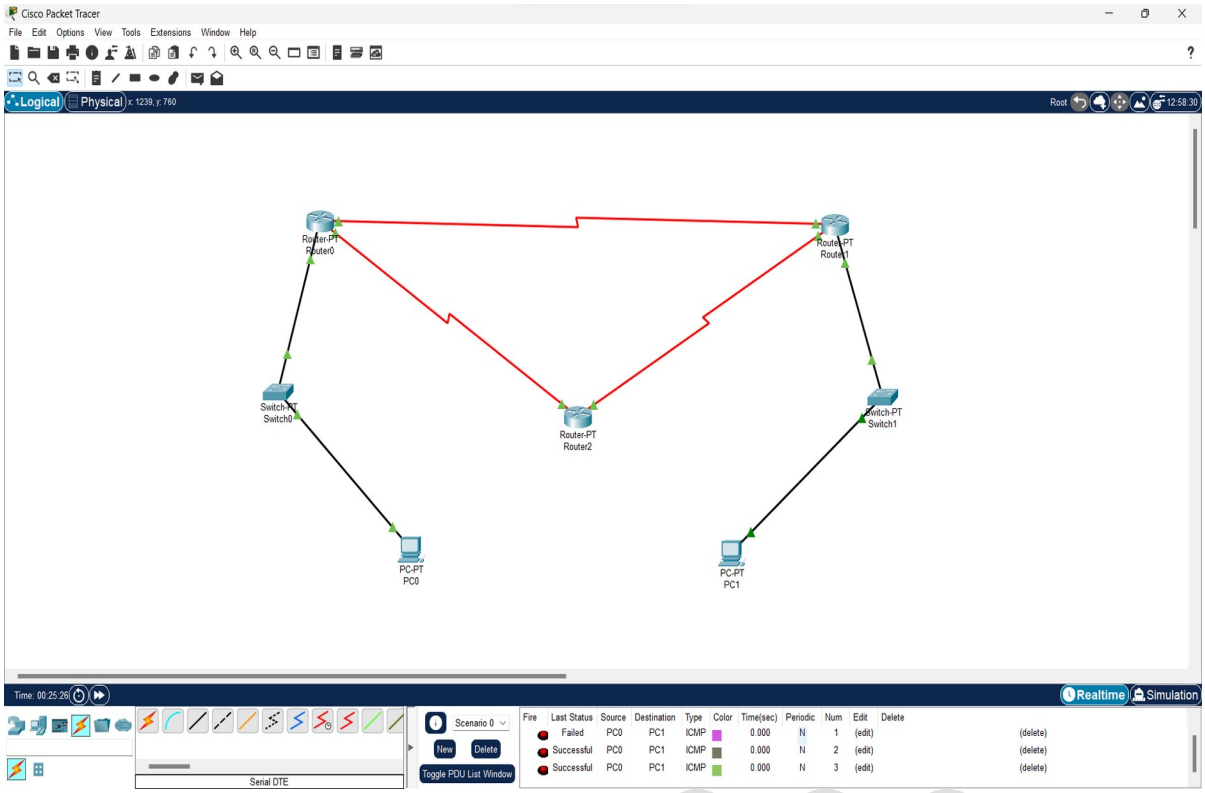
Step 11 : Use router rip for router 2 using the command shown in the picture



Step 12 : Use router rip for router 1 using the command shown in the picture



Now repeat the message step and it should be successful



It should be something like this.