



**E.A.R.I.S.T.**  
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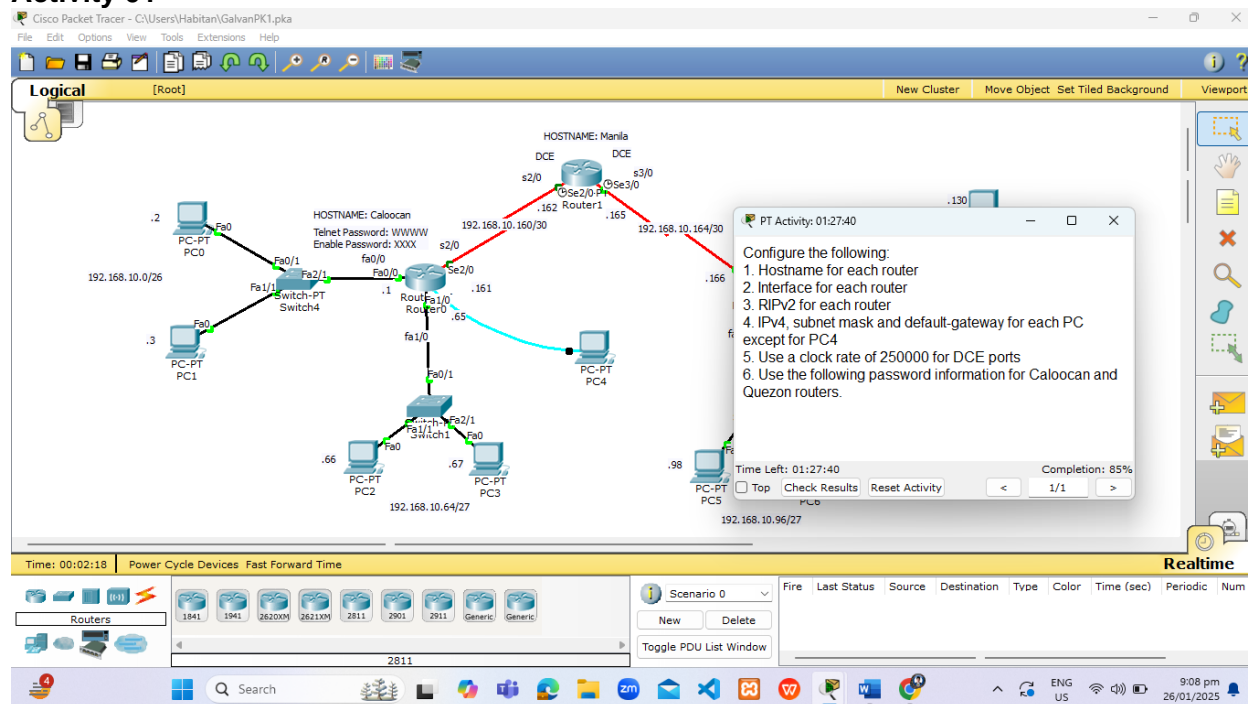
## **RIP ROUTING**

### **Packet Tracer Activities**

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**Subject and Section:** NETWK2– BSIT3A

<b>Activity No.</b>	<b>Score</b>
ACT1	85%
ACT2	53%
ACT3	85%
ACT4	53%

## Activity 01



192.168.10.0/24 is variably subnetted, 6 subnets, 3 masks

C 192.168.10.0/26 is directly connected,  
FastEthernet0/0

C 192.168.10.64/27 is directly connected,  
FastEthernet1/0

R 192.168.10.96/27 [120/2] via 192.168.10.162,  
00:00:26, Serial2/0

R 192.168.10.128/27 [120/2] via 192.168.10.162,  
00:00:26, Serial2/0

C 192.168.10.160/30 is directly connected,  
Serial2/0

R 192.168.10.164/30 [120/1] via 192.168.10.162,  
00:00:26, Serial2/0

Caloocan#

Caloocan#

Caloocan#

Caloocan#show ip rip

% Incomplete command.

Caloocan#show rip route

^

% Invalid input detected at '^' marker.

Caloocan#

Caloocan#show ip route

Codes: C - connected, S - static, I - IGRP, R - RIP, M -  
mobile, B - BGP

Caloocan>

Caloocan>

Caloocan>en

Password:

Caloocan#show ip route

Codes: C - connected, S - static, I - IGRP, R - RIP, M -  
mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA -  
OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF  
NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external  
type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -  
IS-IS inter area

\* - candidate default, U - per-user static route, o -  
ODR

P - periodic downloaded static route

Gateway of last resort is not set

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area  
 N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2  
 E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP  
 i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area  
 \* - candidate default, U - per-user static route, o - ODR  
 P - periodic downloaded static route

Gateway of last resort is not set

192.168.10.0/24 is variably subnetted, 6 subnets, 3 masks  
 C 192.168.10.0/26 is directly connected, FastEthernet0/0  
 C 192.168.10.64/27 is directly connected, FastEthernet1/0  
 R 192.168.10.96/27 [120/2] via 192.168.10.162, 00:00:28, Serial2/0  
 R 192.168.10.128/27 [120/2] via 192.168.10.162, 00:00:28, Serial2/0  
 C 192.168.10.160/30 is directly connected, Serial2/0  
 R 192.168.10.164/30 [120/1] via 192.168.10.162, 00:00:28, Serial2/0  
 Caloocan#show ip brief

^

% Invalid input detected at '^' marker.

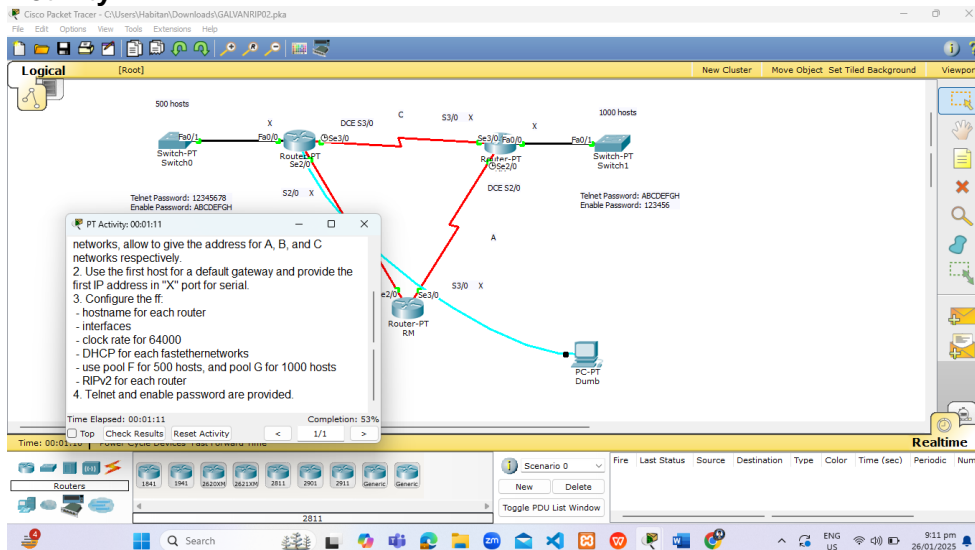
Caloocan#

Router0>  
 Router0>  
 Router0>en  
 Password:  
 Router0#SHOW IP ROUTE  
 Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP  
 D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area  
 N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2  
 E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP  
 i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area  
 \* - candidate default, U - per-user static route, o - ODR  
 P - periodic downloaded static route

Gateway of last resort is not set

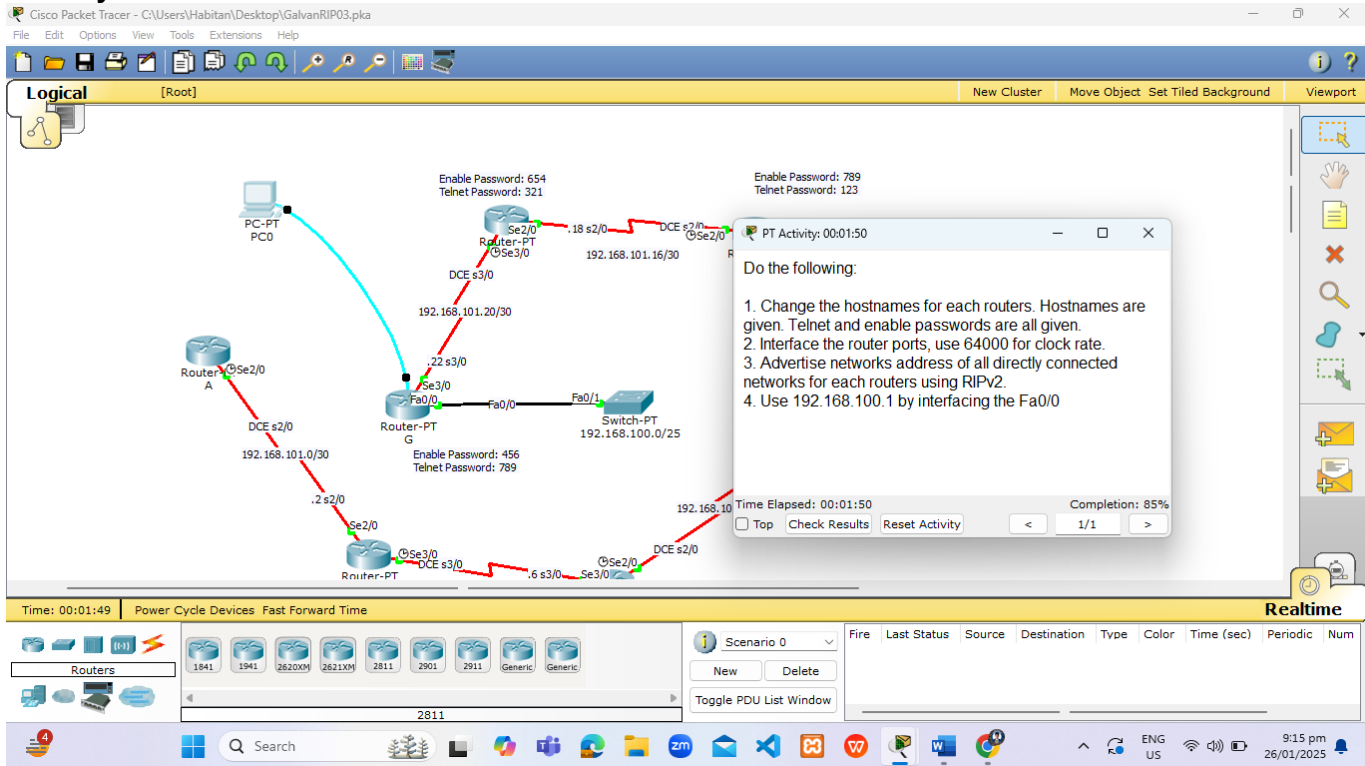
10.0.0.0/8 is variably subnetted, 4 subnets, 3 masks  
 R 10.0.0.0/22 [120/1] via 10.0.6.2, 00:00:18, Serial3/0  
 C 10.0.0.0/23 is directly connected, FastEthernet0/0  
 C 10.0.6.0/30 is directly connected, Serial3/0  
 R 10.0.6.4/30 [120/1] via 10.0.6.2, 00:00:18, Serial3/0  
 Router0#

## Activity 2



### Activity 3

G#



G#  
G#

G#SHOW RIP DATABASE

^

% Invalid input detected at '^' marker.

G>

G>

G>EN

Password:

G#SHOW IP ROUTE

Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

192.168.100.0/25 is subnetted, 1 subnets

C 192.168.100.0 is directly connected, FastEthernet0/0

192.168.101.0/30 is subnetted, 1 subnets

C 192.168.101.20 is directly connected, Serial3/0

G#

G#

G#SHOW IP RIP DATABASE

192.168.100.0/25 auto-summary

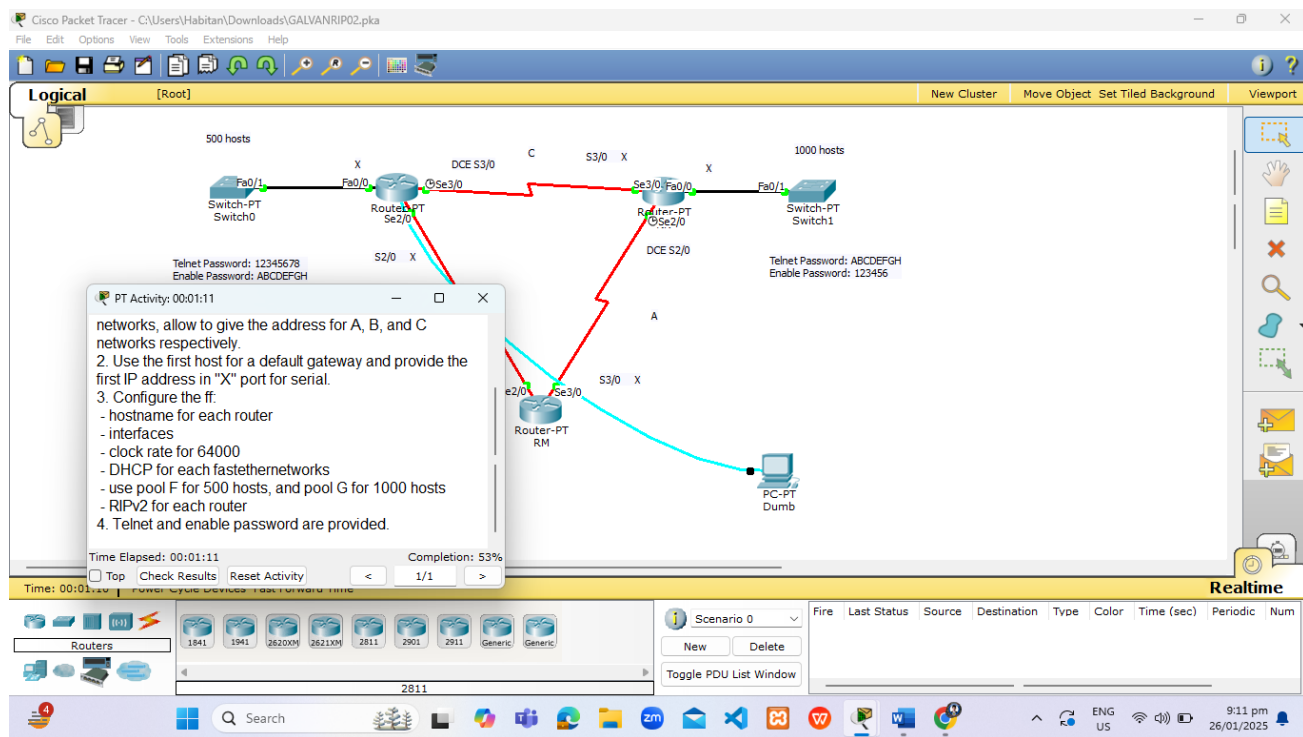
192.168.100.0/25 directly connected,

FastEthernet0/0

G#

## Activity 4

Router0#



```
Router0>
Router0>
Router0>en
Password:
Router0#SHOW IP ROUTE
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
```

Gateway of last resort is not set

10.0.0.0/8 is variably subnetted, 4 subnets, 3 masks

R 10.0.0.0/22 [120/1] via 10.0.6.2, 00:00:18, Serial3/0

C 10.0.0.0/23 is directly connected, FastEthernet0/0

C 10.0.6.0/30 is directly connected, Serial3/0  
R 10.0.6.4/30 [120/1] via 10.0.6.2, 00:00:18, Serial3/0